Farm and Ranch®

SOUTHERN AGRICULTURIST

OCTOBER 1958

This edition "AGRI-AREA" EDITED– *by croplines instead of by state lines-especially for your crops and your area*

Only the dependable, fast-drying

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protects your clothes
in rust-proof, chip-proof, heat-proof

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ELECTRIC
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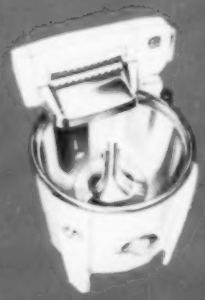

Model 91 with STAINLESS STEEL TUB

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famed for dependability

McGRAW EDISON

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2. Wider bacterial range
3. Longer, stronger action

This all-important combination of essential features cannot be obtained in any other single sulfa.

In tests, SULMET established higher blood levels than other sulfa drugs. This means surer, faster action against disease.

It is effective against many strains of staphylococci, streptococci and Gram-negative organisms including Salmonella sp. and Pasteurella sp. This wide range gives you added safety, dependability and effectiveness against many disease forms.

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Use SULMET to treat pneumonia, calf scours, shipping fever, foot rot, metritis, acute mastitis and bacillary enteritis. Get SULMET Drinking Water Solution, Oblets or tablets from your veterinarian, druggist or feed dealer.

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DALLAS 26, TEXAS

4 Permanent Agri-Area Editions

October

Vol. 88—No. 10

In the six Southwestern states, more than 504,000 circulation—total circulation Virginia to Arizona, more than 1,300,000

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"Gummy in wet weather, rock hard in dry— THIS VIRGINIA CLAY WAS A PROBLEM BEFORE WE GOT FIRESTONES"

. . . say Wayne and Edwin Lenn, Route #2, Culpeper, Virginia

Culpeper County farmers know Virginia clay can bog down a tractor fast in wet weather. "That's why we use Firestones," Wayne Lenn declares. "There's not a tractor tire around here that can pull like a Firestone—wet or dry! And we're just as satisfied with our Firestone truck tires."

Performance like this has made Firestones a top choice on farms everywhere. But now there are even more reasons to look to Firestone for farm tires. One of these is that now Firestone Rubber-X is specially compounded for farm service. Exhaustive tests of aging and abrasion resistance proved Firestone Rubber-X adds new strength and all-weather efficiency to farm tires!

See your Firestone Dealer or Store and find out how Firestone Rubber-X and exclusive Firestone S/F (Shock-Fortified) cord help make Firestone farm tires last extra long. See the new All Traction Champion*. And ask about Firestone's Free Loaner Service that keeps your tractors working on new Firestones while your old tires are retreaded or repaired.

J. W. Ross (right), Firestone Dealer in Culpeper, stops in regularly to talk Firestone tires and service with the Lenn brothers.

TOP PERFORMERS
ON AMERICA'S FARMS
for trucks
for passenger cars
NOW WITH
FIRESTONE RUBBER-X

SUPER ALL TRACTION* DELUXE CHAMPION*

*T.M.

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Firestone

BETTER RUBBER FROM START TO FINISH

Enjoy the Voice of Firestone every Monday evening on ABC television

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here are the facts

about
COCCIDIOSIS
OUTBREAKS

1 Unusually rainy and humid weather throughout the spring and early summer have made conditions that favor outbreaks of coccidiosis in chicken flocks over most of the country.

2 Most of the outbreaks have been caused by Eimeria Acervulina, a species of coccidia that is more damaging than previously believed.

3 Our extensive investigations have shown that there have been few—if any—outbreaks of coccidiosis in flocks that have been medicated with Dr. Salsbury's UNISTAT®.

To us the latter fact comes as no surprise

That's because we subjected UNISTAT to extensive field trials before we placed it on the market. We determined without a doubt that this product is highly effective against E. Acervulina as well as against other economically important kinds of coccidiosis among broilers and replacement flocks.

Since these tests, thousands of flocks representing millions of birds throughout the United States have been medicated with UNISTAT in the feed. There have been no serious "breaks" of coccidiosis in those flocks.

And thousands of UNISTAT *users are our best advertisement.*

DR. SALSBURY'S LABORATORIES
Charles City, Iowa

Dr. SALSBURY'S

nation-wide service to the poultry industry

LETTERS

• • • In regard to the Talmadge Bill or any other bill I wish the government would get its *bill* out of my business. As for Social Security for farmers, it's *Bunk*. . .
C. Leak *Oak Grove, La.*

Suffer Little Children

• • • I am a well-read woman with a keen mind . . .

I had rather see my country become a soviet America than to have Republicans in power. They are as deadly as any Communists. The Communists merely shoot you if you offer resistance, but our noble Republicans starve little children and babies to death by cutting off jobs and work to lower cost of taxes they say. But in so doing they have started an avalanche to rolling—the recession which may very soon destroy them.
Mrs. Roy Brown, Grand Prairie, Tex.

• • • I am an old farmer with a small farm. By working hard and using costly machinery, I can produce food and fiber for myself and some 20 others. Of course, they pay me for my produce. But each year the dollar, with which I am paid, has had less value. Today it is only worth about half as much as it was a few years ago. At the present rate of depreciation it will not be many years before it will be worthless. For years our politicians have talked of stopping its depreciation; yet the loss in value continues. Can we depend upon them? I think not. When those I feed and clothe pay me with worthless dollars, how will I be able to buy the costly machinery? Without the machinery how can I produce enough for all? Now, here is the question: When I fail to supply them, will they shoot me and take my farm as was done in Russia and China? When the dollar is worthless will Social Security be any good? Don't just tell me to get out and vote; I have done that all along. I voted with the Democrats for many years. Then, when the Republicans promised to balance the budget and stop the depreciation of the dollar, I voted for them. Now that they have failed me, where do I turn? Please tell me what to do.
George F. Dickson *Hillsboro, Tex.*

Will somebody who knows the answer please tell him?—T.A.

• • • Thanks for the "Straight Talk," current issue. Again you have shown more sense, insight and the way to expose the crooked politicians for what they are, than any man in America that I have read in any publication today.
R. A. Caldwell *Barwick, Ga.*

• • • I thought your letter to Zsa Zsa was terrific; but, for that matter, all your editorials are terrific. My highest compliments to you.
T. Coleman Andrews, Richmond, Va.

• • • Richest bit of satire of modern times—letter to Zsa Zsa Gabor . . .
Willis H. Owens *Sanford, N. C.*

• • • The other day I was talking to one of my neighborhood and he said, "just because Anderson put your letter in the FARM AND RANCH magazine you think he is a Wheel Hoss. I don't like that guy. He is always running down the unions. If I had the chance I would broke his nose."

You know what I tell him, Mr. Tom? I said, "Look here big buddy, Mr. Tom gonna run down and tromp anything what he think gonna hurt the farmers and our country: unions, presidents, secretaries of state or what have you. And something else, big buddy, Mr. Tom ain't no common Wheel Hoss. He is a thoroughbred, by gar. And I bet you old Beck and Ball against a pair of billy goats that while you are trying to broke Mr. Tom's nose, he's not gonna be sittin' down reading Jeff and Mutt in the Funny Book."
Jean Jeanpierre *Pine Prairie, La.*

• • • Here is my two-bits for that scrap book ("Straight Talk" booklet). . .

Man oh, Man, how in the world did you ever think to keep them for future references and then in the form of a scrap book.
Ira D. Armstrong, San Antonio, Tex.

We've just finished printing a new "Straight Talk" booklet, containing 13 hard-hitting editorials by Tom Anderson. This attractively bound, 32 page book also has a selection of interesting letters-to-the-editors. For your copy, send 25 cents with your name and address to: "Straight Talk," FARM AND RANCH, Nashville, Tenn.—Eds.

(Continued on page 36)

When the sale is made, you know for sure that Morton Trace-Mineralized Salt helps your feeding program pay off...

Even if you use other minerals, Morton T-M Salt increases feed efficiency so that all your other feeds do a better job. Thus, you end up with lowered feed costs and with more meat, wool and milk to sell. That's because your animals stay healthier and gain faster when they get essential trace minerals in their salt every day. Morton T-M is a superior product because only top-quality compounds, proved by research, are used as the sources of the trace minerals.

Be sure to feed Morton T-M Salt, free choice, to all your beef cattle, dairy cows, sheep and hogs. You know they need it. They know how much. At your feed dealer's—bags and blocks.

MORTON T-M SALT

Four good reasons for a Bedroom Extension

"When my husband is away I feel more secure with a telephone right beside my bed."

"Our teen-age daughter needs a place for her private conversations."

"It's certainly convenient to have an extension by the bed when someone in the family is ill. We wouldn't be without it."

"It seems like hardly a day goes by that I don't get a telephone call while I'm upstairs. Our bedroom extension saves a lot of steps."

Perhaps you have a reason all your own for wanting a bedroom telephone

For security, privacy and convenience there's nothing like an extension phone. They're easy to get—wonderful to have. The cost is mighty kind to the pocketbook. Call your telephone business office about it today. P.S. *Remember, telephones come in a choice of decorator colors.*

BELL TELEPHONE SYSTEM

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FARMING AHEAD

THE LATEST FIRST—FOR THE SOUTHWEST

A BUMPER CROP YEAR IS IN SIGHT. According to latest estimates, wheat and soybeans will set new production records: corn is 11% above average; grain sorghum is three times the average; hay is 10% above average; potatoes over 10% above; and peaches and apples 20 and 16% over the average.

"WAXING" WISE ON WEEDS. A chemical company reports that it has made a 2-foot-long wax bar containing weed killer. You just drag the bar over your lawn; it leaves a "stay-on" film on dandelions and other broadleaf weeds to kill them.

2,4-D FOR POND BOTTOMS. Specialists at Va. Exp. Sta. at Blacksburg, report a "pelleted" form of 2,4-D has been used successfully for treating weeds on the bottom of fish ponds. Absorbed in a heavy clay binder, the poison slowly acts on weeds without harm to fish or to livestock drinking the water. Caution: Get an expert's advice on how much to use in your pond if you get a yen to try it.

FEED GRAIN CROP will be a little smaller than last year's. And a sorghum grain crop of only 375 million bu. is predicted. (Last year's 562 million bu. almost ruined most markets for the grain.) But the total supply of all feed grains on hand in the country will be the biggest ever.

The bright spot, for grain producers: Most of this huge total supply is in government hands; amount of feed grain on the market this fall is slightly less than it was last year. The question mark: How much feed grain will be taken out of government stocks and channelled into U. S. markets--helping drive grain prices downward? Nobody knows yet.

STEEL BUILDINGS in color are now on the market. They have a factory-applied color coating. They're being offered by Stran Steel Co. in blue, green, bronze, rose, gray and white.

RECORD COTTON YIELDS will be harvested in Tex., Okla. and Calif. (that's yield per acre, not totals); and yields in other states are above average. Looks like a 11½-million-bale crop, in spite of reduced acres.

COINCIDENCE OR NOT, livestockmen have been amazed at scarcity of screwworms in most of South this summer. A lucky break for them, especially since conditions seemed right for worst-yet outbreak of screwworms. But, moans one regional manager for manufacturer of screwworm remedies, "our sales were almost nothing this year."

BIGGEST CROP OF SOYBEANS yet is the prospect for this fall--probably meaning less post-season spread between loan levels and market price--and less profit than usual from storing beans for a bonus.

BENCH TERRACES MAY COME BACK to some of the semi-arid lands in the Southwest. But they are a different kind of bench. Soils men A. W. Zing and V. L. Hauser are trying out the new type land benches at USDA's Great Plains Field Station at Amarillo, and find them looking good after one year. Consists of building level benches on contour, with twice the width of the bench on normal slope in between; benches, 80 to 145 feet wide, trap runoff water and control erosion.

FROM MESQUITE AND CACTUS to a farming oasis producing 2 bales of cotton per acre is the story of the Norman Dawson farm near Midland, Tex. A sprinkler irrigation system tied in with six wells--with a combined capacity of 3,300 gal. a minute--did the trick. The system was properly engineered and installed by experts.

FIRST ROUND in a farmer-rancher fight over cloud-seeding ended with ranchmen in a three-county area of far West Texas winning a temporary injunction prohibiting such seeding. Injuncton was directed against irrigation cotton farmers who had hired a weather modification firm to try to surpress hail. Ranchmen claimed they stopped rain. Appeal has been filed in El Paso.

HAY PRICE "CONTROL" is the object of a newly-formed co-op at Yuma, Ariz. Organized along the lines of numerous co-ops for vegetables and other perishables already going, it's one of the first to try to eliminate the ups and downs in price of such a non-perishable crop.

(For more details, write Farming Ahead Editor)

Lloyd Burlingham, famous farm newscaster, reports on

MONEY-MAKING RESULTS FROM KRAFT'S MILK BY-PRODUCT FEEDS

New improved KAFF-A Milk Replacer and KAFF-A Booster Pellets do a remarkable job of raising calves and heifers.

I know this to be a fact. I visited several farms recently and got first hand information from men who feed KAFF-A products. Arthur Bauer was one. He has 70 head and raises 20 to 25 calves a year.

All of them get KAFF-A Milk Replacer for six weeks and KAFF-A Booster Pellets with their grain.

Here's what Mr. Bauer told me—

"KAFF-A puts good, deep middles on my calves."

You see, KAFF-A Pellets contain hydrolyzed whey which feeds the friendly rumen bacteria in the paunch. As the bacteria multiply your calves digest dry feeds earlier and better . . . to help them develop the strong, deep bodies you like.

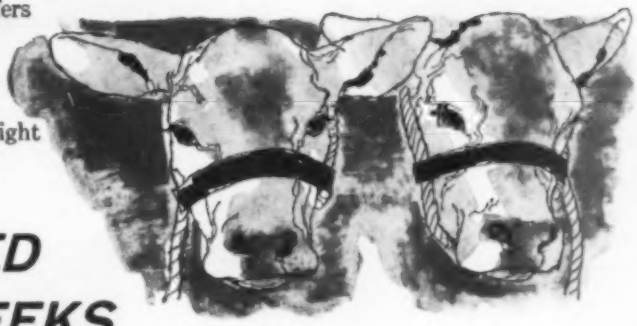
Bauer likes the economy of KAFF-A. He feeds no whole milk after colostrum. He sells the milk the calves would get. That pays for the KAFF-A plus a nice profit.

Another good dairy farm manager, Bob Quartier, handles 160 head with 80 milking cows. He has been feeding KAFF-A Booster Pellets for almost two years. He adds the pellets to the calves' grain in the first week and feeds ¼ pound per day to heifers on pasture.

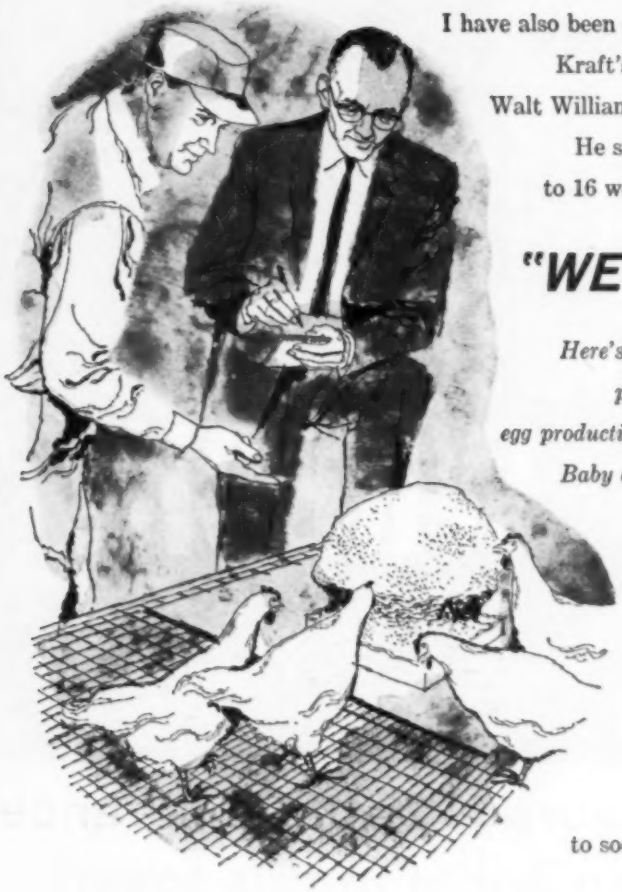
RAISES UNIFORM BIG-BARRELED HEIFERS

Heifers on the farm managed by Quartier are ready to breed at 18 months. He told me that he likes to get his calves on to KAFF-A Pellets, hay and grain early, because these dry feeds help prevent scours.

You should see the twin Brown Swiss heifers at the National Dairy Products Research Farm. One is a KAFF-A calf. The other one isn't. They are the same size and weight but here's the story. The KAFF-A twin cost



$8 LESS TO FEED TO 6 WEEKS



I have also been out to poultry farms where they use PEX, Kraft's milk by-product feed for poultry. One hatchery man, Walt Williams of Monticello, Ill., hatches 500,000 chicks a year. He sells baby chicks and raises 30,000 replacement pullets to 16 weeks. His birds get PEX from the day they begin to eat.

"WE ARE SOLD ON Pex

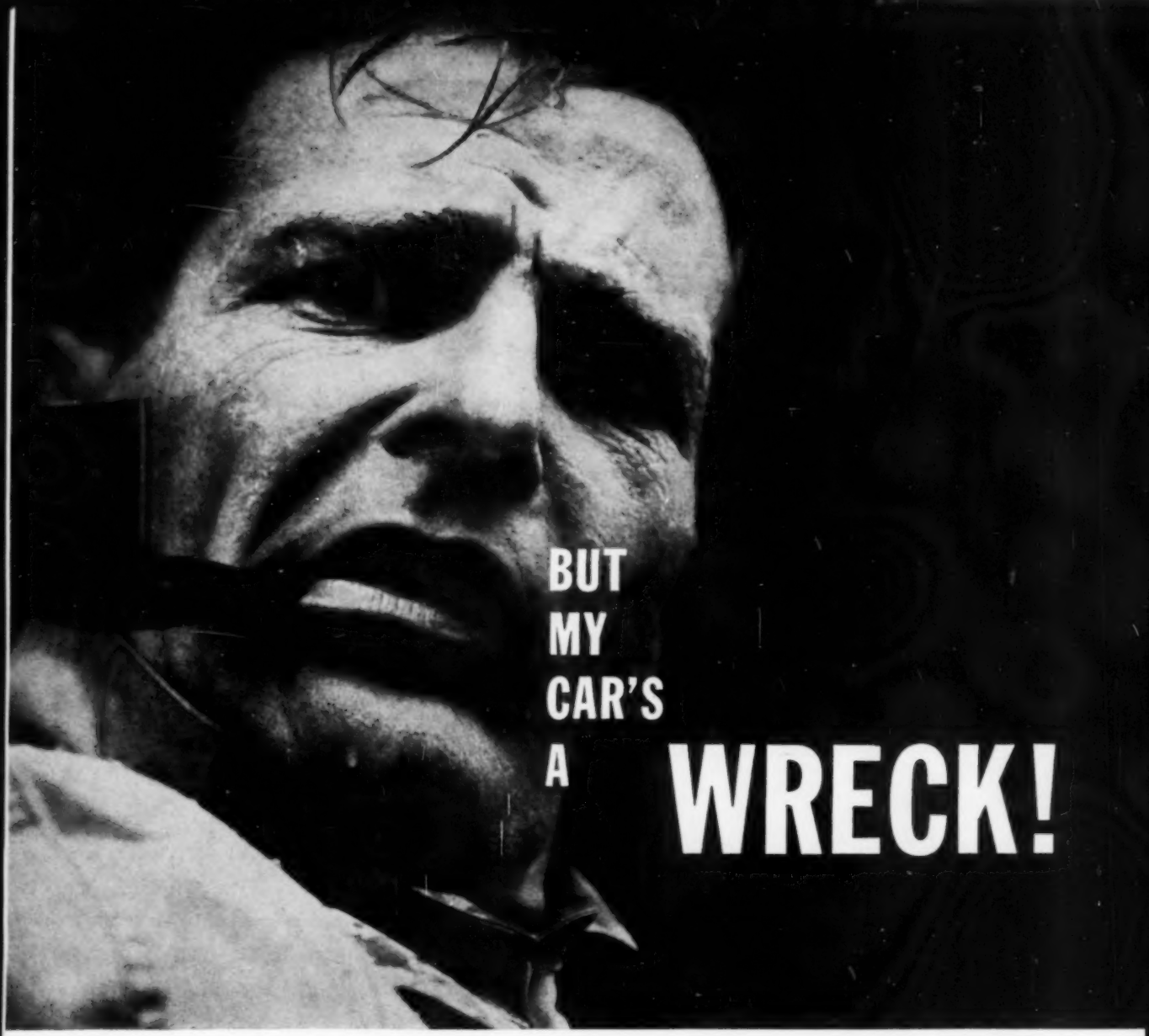
Here's why . . . Less trouble from worms • Fewer nutritional problems • Helps develop healthy bodies • Helps maintain egg production at high levels • From 3% to 5% better hatchability. Baby chicks are stronger when supply flocks get PEX."

Williams advises all his supply flock owners to feed PEX. Also those who buy his baby chicks and pullets. In many controlled tests, PEX-fed flocks have produced more eggs, larger eggs and eggs with better shells. The milk by-products in PEX are fortified with milk sugars, vitamins, minerals and other nutrients. The blocks contain just enough lactic acid to soothe and regulate the birds' intestinal tracts.

Kraft dealers stock a full line of milk by-product feeds: KAFF-A and PEX Products — KRAYLETS and SPARX for hogs.

KRAFT FOODS
DIV. OF NATIONAL DAIRY PRODUCTS CORP.

MADE AND SOLD BY
KRAFT



I need help now! Are you sure my auto insurance company doesn't have an agent in this town?

Only State Farm gives you service like this . . . each dot represents State Farm claim service.

State Farm policyholders enjoy "Hometown Service" —wherever they drive. There are 9,000 State Farm agents and claim representatives located in towns and cities all across the country.

If your present auto insurance doesn't offer you this kind of security when you travel, better check with your State Farm agent. Call him today and ask about extra-low rates for rural drivers. (In Texas, where uniform rates are charged by all companies, savings have been passed back in the form of substantial dividends . . . every year for 20 years.) Look for State Farm under "Insurance" in the Yellow Pages.

State Farm Mutual Automobile Insurance Company / **WORLD'S LARGEST**

HOME OFFICE: BLOOMINGTON, ILLINOIS

STATE FARM INSURANCE

Are Rotations Obsolete?

IN the wheat country of the dry Southwest, holding down the soil and—in a few cases—keeping weeds and insects under control are about the only real reasons anyone can give you for *not* growing the same crop on the same land year after year.

In Oklahoma and in the irrigated Panhandle, you can find a lot of wheat that has yielded better following alfalfa, sweet clover, guar, mungbeans or cowpeas. But the only explanation anyone can give for the extra yields is the nitrogen fixed in the soil by the legume. And *you could get the nitrogen just as well*—and maybe cheaper—*by using commercial fertilizer.* Examples of how it has worked out:

● At the Southwestern Great Plains Field Station, near Amarillo, rotating irrigated, fertilized wheat with alfalfa has done more harm than good! Wheat following the alfalfa has yielded no better than continuous wheat getting its nitrogen from commercial fertilizer. And the soil-compacting effect of the alfalfa crop has made it harder to irrigate the wheat the next season.

● Oklahoma Experiment Station has stacks of records showing how much better wheat (in the north central and western parts of the state) has grown and yielded following sweet clover. But what made the yields better? Nitrogen, left in the soil by the legume. The nitrogen could just as well have come from commercial fertilizer—without the loss of subsoil moisture that the legume takes up. Of course, the legume turned into the soil furnishes organic matter—but so does the wheat (or other small grain) straw.

Obviously, a legume or temporary pasture crop between wheat crops could pay for itself in grazing or hay. And, for land that has to be idle anyway—especially if it needs a growing crop on it to hold down the soil—the legume *could* be a cheaper way of furnishing the needed few pounds of nitrogen than commercial fertilizer.

For cotton and peanut land—especially if it's irrigated—the story is different. *In favor of* cotton-legume rotations for the sake of soil improvement:

● In the irrigated cotton country of Texas' South Plains, they're enthusiastic about soybean-cotton or soybean-cotton-grain sorghum rotations. Best irrigated bean growers this year made 40-bushel yields, worth about $80 an acre, explains Hale County Agent O. F. Liner. With harvesting cost only about $4 an acre, that's not a bad profit from a soil-building crop.

The 20 or 30 pounds of extra nitrogen left in the soil by the soybeans (even when they're combined for seed) is about all the next year's cotton can use—and it's a cheap way of furnishing it.

But there's more to it than the nitrogen, explains Texas researcher-specialist Jack King. The deep-rooted beans have proved to be soil conditioners, definitely improving the soil texture. The ground plows easier and cleaner after the bean crop, and takes up irrigation water faster—at least in the medium-textured and heavier soils of the Lubbock area.

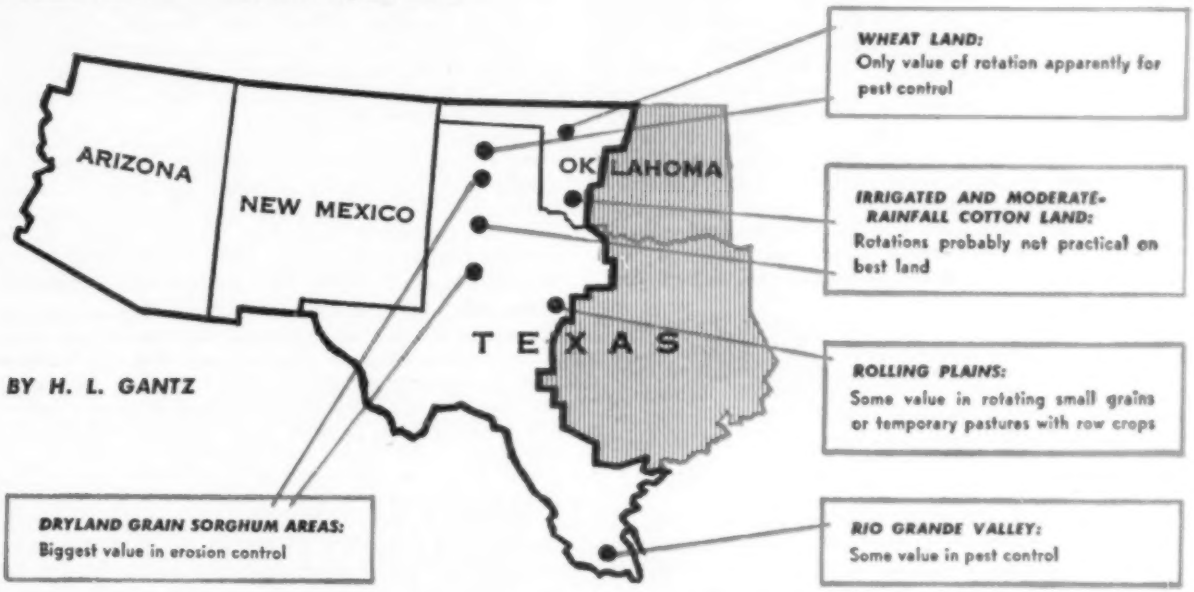
● On some dryland soils—particularly sandy soils—guar is the newest "discovery" for rotating with cotton to boost yields of lint. No doubt that cotton following guar (or mungbeans or cowpeas, either) yields better, insists Tillman County (Okla.) Agent R. L. Malcolm. But would commercial nitrogen fertilizer do the same—cheaper? Probably. And summer annual legumes don't furnish much more organic matter than cotton.

Against the soil-improving value of cotton-legume rotations:

● At the Texas Experiment Station at Lubbock, irrigated cotton following cowpeas in an experimental rotation has made a little more than 600 pounds of lint per acre—much better than continuous cotton which *didn't* get commercial nitrogen fertilizer. But when the continuous cotton *did* get the fertilizer, it has made more than 650 pounds—much better than the rotated cotton.

Until somebody can prove otherwise, legume-cash crop rotations still look like an expensive way to improve soil in the dry Southwest.

Rotation recommendations for your area:



BY H. L. GANTZ

(This page appears only in areas shown in white on map above.)

The PROOF is in their performance

CERTIFICATE OF ENTRY

American Beef Cattle Performance Registry

This is to certify that the heifer

NAME Virginia 23C

CALVED January 28, 1958 SIRE Chief Woodrow

DAM Virginia Mischief 2

BREEDER Ogeechee Farms

OWNER Ogeechee Farms

rated WO

Breed Reg. No. T9839830

IPR No. H995

Tattoo R. E. L. E.

SIRE'S NO.

DAM'S NO.

A.B.C. PERFORMANCE REGISTRY ASS'N

has officially qualified for and been entered in the AMERICAN BEEF CATTLE PERFORMANCE REGISTRY

Canyon, Texas

Executive Secretary

BY BOB NICHOLS

IF YOU'RE breeding cattle for beef (rather than for show) the time may not be far off when you'll be buying herd sires and even foundation heifers just from a piece of paper. It'll be a PR (Performance Registry) certificate like the one above. And what you'll look at most closely will be those odd symbols, like "WO" near the upper right corner, after the word "rated." (With its bulls, Ogeechee Farms would have another symbol, such as "G1," with the rating. Ogeechee does not enter its heifers for a "G" rating, because that would require fattening out the heifers—and getting them overly fat—for 140 days.) Those "W" and "G" symbols show how well the animal can put on beef. And isn't that what you're after?

You may not particularly care whether the animal's breeding is Sunbeam, or Domino or what, so long as you know that the calves can be expected to weigh an extra 25 or 50 pounds at weaning. You may not particularly care how many purple-ribbon winners were represented in a young bull's ancestry, so long as you can be fairly sure he'll sire calves that'll fatten out on 100 pounds less feed than the average, and dress out better than 60%.

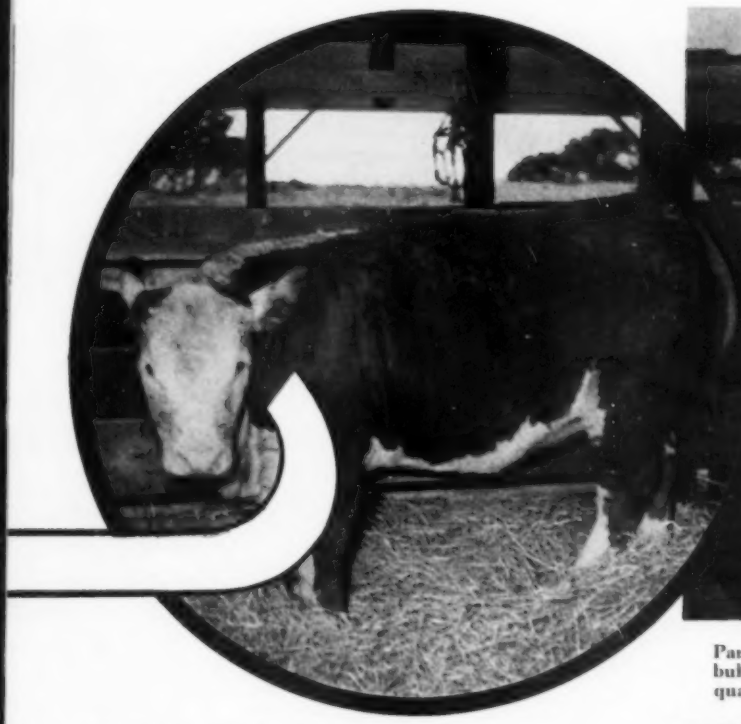
You may not even care whether it's registered!

Not that the handful of cattlemen pioneering the newest thing in livestock certification are knocking pedigrees. They like the proof-of-performance PR certification idea as an *extra* measure of cattle values. Otha H. Grimes—owner of Ogeechee Farms, near Fairland, Okla.—and manager Glenn Butts are among the biggest boosters of performance testing and Performance Registry certification. But they've also bred up one of the best-pedigreed Hereford herds in the country.

However, an animal doesn't *have* to be registered—with a breed association certificate of pedigree—to qualify for Performance Registry certification. Some cattle which have qualified for Performance Registry are from non-registered herds like the one owned by the Codding brothers, of Foraker, Okla. And Spring Mountain Ranch, at Meridian, Tex. has qualified crossbreds!

The "W" in the PR certificate rating means that the animal has met the minimum weaning-weight standards of the association—Performance Registry International. Weaning weights must be officially supervised, and vary from 425 pounds at 205 days of age for heifers with their dams on pasture, to 525 pounds for bull calves which have been on full feed to 205 days of age.

The calf gets a number after the "W" for each 10 pounds it weighs *over* the minimum. "W7" means that it weighed between 70 and 79 pounds *more* than the minimum at weaning time, and so on. A high number after the "G" is also good; it shows how much more than the minimum the calf gained during a supervised rate-



Part of a group of 25 registered Polled Hereford bulls at Ogeechee Farms, Fairland, Okla., which qualify for Performance Registry certification.

w one of Ogeechee Farms' most promising nior yearling heifers rates in Performance gistry. She is also one of Ogeechee's typiest d best-blooded heifers— a real "blueblood."

Offspring of Ogeechee Farms' herd sire Chief Woodrow, who has Performance Registry rating of W7 and G1 (see explanation in text).

of-gain test for 140 days after weaning. ("G2" means 20 to 29 pounds more than the minimum.)

How fast the young future herd sire, or the future foundation heifer, can gain isn't important in itself. It's important because growthiness and gaining ability is inherited—it's at least 30% inheritable. So, the better gainer a bull is, the bigger his sons and daughters will be at weaning, and the better they'll gain in the feedlot —even though they *may* not gain quite *as well* as he did.

Performance Registry certification just furnishes proof and an official record of performance testing, of course. And performance *testing*—as a way for breeders to evaluate and cull their own herds—has pretty well caught on over the country. But when you're buying cattle, you pretty well have to depend on the breeder's word and his accuracy for his performance *testing* records to mean anything to you. With Performance *Registry* certification, you have measured proof of gaining ability.

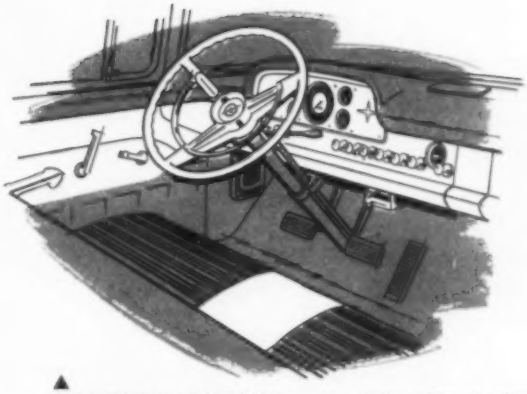
Performance *testing* does one thing that the new official standards for Performance *Registry* do not do: It measures the animal's *conformation*, as well as its gaining ability. Performance Registry isn't intended to be the *only* thing to consider in selecting foundation stock. You still have to be your own judge of things like body conformation and type.

Second step in beef herd improvement through the Performance Registry International association (its secretary is M. R. Calliham, Box 660, Canyon, Tex.) is *Production* Registry. It's a way of proving the superior value of mature cattle by counting up "points" accumulated by their offspring. A bull is officially awarded one "star" for each 300 points his offspring earn; a cow, one star for each 15 points. Most star-studded bull so far is a five-star sire (and that's about equal to a five-star general, in the PR world!) owned by New Mexico's Bell Ranch. Points are accumulated for the sires and dams by the offspring getting those numbers after the "W" and "G" rating on their PR certificates. The Bell Ranch bull is a PR five-star bull because he sired a lot of calves which qualified for PR certification, and had high "W" and "G" ratings.

"*Advance Registry*" is sort of the purple-ribbon stage in Performance Registry International's regulations.

What does it all add up to? A few of the members of the association (there are *(Continued on page 34)*

GO FORD-WARD



▲ **NEW CAB INTERIORS!** Custom Cabs offer 2-color styling on dash and door panels, chrome-trimmed instrument cluster, convenient horn ring and nylon-saran upholstery fabric woven to stay "Sunday-Fresh" despite roughest farm abuse!

◀ **NEW STYLESIDE PICKUP!** From the handsome new grille and heavier new front bumper to husky wrap-around rear body corners, this Ford is built to take it! Holds 23% more than conventional pickups!

NEW '59 FORD FARM TRUCKS

for savings!

For '59 there's a new "buy-word" among farmers . . . it's *Ford*-ward. *Ford*-ward describes the most farm-worthy trucks ever built . . . New '59 Ford Trucks. They put you *Ford*-ward in savings, style, and dependability.

For example, Ford's four-wheel drive pickup is *brand new* to the Ford line this year. And everywhere you'll find new features to lower costs and increase comfort.

Features like Ford's rugged Short Stroke Six that really stretches gas mileage . . . a wider choice of transmissions including Ford's new Heavy Duty Cruise-O-Matic . . . new cab safety and conveniences . . . the smoothest ride of any pickup. And behind every '59 Ford is the industry's best durability record. A study of ten million trucks proves Ford Trucks last longer! Call your Ford Dealer today . . . and go *Ford*-ward for savings!

◀ **NEW 2-TON TOUGHNESS!** The "big one" on most farms is tougher than ever for '59 —spring capacity is increased up to 10%. What's more, rear-axle capacity is up to 2000 lbs. greater than other truck makes!

▲ **NEW 4-WHEEL DRIVE PICK-UPS!** Now—½-ton and ¾-ton trucks with Ford-built 4-wheel drive at Ford's low prices! Go through rocky pastures, mucky bottomland, even up 60% grades! Available December 1958.

FORD TRUCKS COST LESS

. . . less to own . . . less to run . . . last longer, too!

Photos courtesy of Wayne Feeds

By J. W. Townsend

On this Mississippi hog-feeding farm, finding the right kind of pigs was a problem, so they're . . .

Raising their own feeder pigs now

FIVE THOUSAND hogs to market every year is the goal of the Crawford and Simpson hog farm near Flora, Miss. And they'll be grown from birth to butcher on paved floors of assembly-line pens. The line has been in operation over a year, and is building rapidly toward the capacity goal.

The project began as a feeder operation, simply buying feeder pigs and finishing them for market. But it soon became apparent that feeder pigs in the quantities they demanded just weren't available. Furthermore, the quality needed for efficient gains was even harder to get.

The only answer was to grow their own. They started with 10 gilts purchased from purebred breeders, and by June, 1958, they were breeding gilts saved from the first litters. Additional gilts purchased and built the number of sows and gilts on hand to 179 by June 1. Total number of pigs of all ages was 880.

Furthermore, you can walk anywhere through this big-scale operation in your Sunday shoes. The members of this partnership believe that the strict sanitation practices possible on these paved floors, plus a cheap, extensive fogging system for cooling, can put the Southern hog producer on a competitive basis with the so-called corn belt.

"We believe we can cool 'em in summer cheaper than the northern farmer can heat 'em in winter," says Frank Simpson, owner of the farm. To keep feed costs low, they buy corn shipped by barge to Vicksburg and supplement it with commercial concentrates.

The operator of the farm and the other member of the partnership is A. E. Crawford. The hog operation, however, is under the supervision of Robert Willis, a young fellow with a sharp eye and eager to apply the latest know-how in hog production.

Willis' records (he keeps a complete set) show a feed cost to market, with last spring's prices, of 13 cents a pound, including sows' feed. They're getting a feed conversion of about 2 to 1 up to 100 pounds, and about 3 to 1 from 100 to 200 pounds.

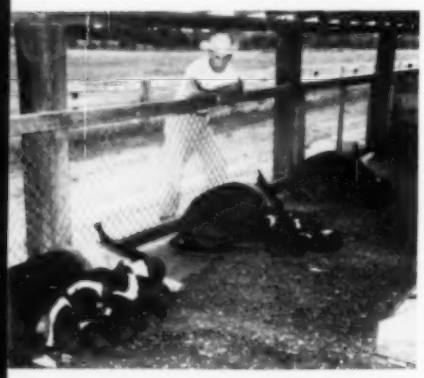
Their first gilts averaged seven pigs per litter weaned, and that has been raised to eight pigs per litter as a few second-litter sows began getting into the averages.

To understand the growth of the Crawford-Simpson operation, you need to go back to the history of the farm itself. Its 220 acres were once a part of the 6,000 acres of the Mississippi Ordnance Plant, now known as Kearney Park. Winding through Simpson's farm were a number of paved roads and isolated storage buildings unfit for industrial use, but having concrete footings and floors. Simpson decided they were a natural for an all-paved-floor hog feeding operation.

June 15, 1957, the feeding operation got rolling. A few months later it became apparent that the farm would have to begin producing its own feeders, if it were to attain anywhere near the desired volume.

None of the partners will tell you they have all the answers, but they feel they definitely are on the right track. Here's the way their current operation boils down:

About a week before farrowing, the sow or gilt is placed in a farrowing stall in a central farrowing house. The house has 26 such stalls, divided by a 4-inch concrete block partition. The concrete block partition makes each stall a separate unit from a sanitation standpoint, so each pen can be thoroughly cleaned and disinfected between farrowings without disturbing the rest of the sows and pigs in the house. *(Continued on opposite page)*



Above, Robert Willis, manager of the hog farm, makes a notation on a little record card which will be kept at the pen. At left, he keeps a close eye on sows and pigs in an easily cleaned growing pen.

A 54-inch fan in one end of the house aids air circulation, helps cool the buildings in summer. A sow feeding room connects with the alleyway, and each sow spends 40 minutes twice daily there.

A feed storage room is located near the sow feeding room. The baby pigs have access to a shallow feeding pen with starter pellets in each stall. Wood shavings are used for litter in the stalls.

After farrowing, the sows and pigs spend two weeks in the farrowing stall. At 2 days old, the pigs are given a shot of injectable iron, and needle teeth are cut. Willis says he waits until they are 2 days old to cut the needle teeth, as it causes less disturbance to the sow or gilt. Boar pigs are castrated at 5 to 10 days of age. All pigs are vaccinated for cholera and erysipelas. A modified live virus and serum are used for the cholera vaccination.

At 2 weeks of age, the pigs are moved with their mothers to a growing shed, three sows and their pigs to a pen. The pigs are weaned at 6 weeks of age by removing the sows. Willis says the pigs seem to do better by themselves after 6 weeks than if left with the sow to 8 weeks. The sows then go to a pasture lot, and remain on pasture until time for their next farrowing.

The pigs are grouped in pens of 35 after weaning, sorted for size. They remain in the growing shed until about 100 pounds, when they go to the finishing parlor. A sidelight has been an unexpected demand for breeding gilts, which has kept a substantial number of gilt pigs from going through the finishing parlor.

Willis says they experimented with putting the sow and pigs on pasture during the growing period, but came back to the all-concrete operation. "You just can't tend to 'em out there the way you can inside," was the way he explained it.

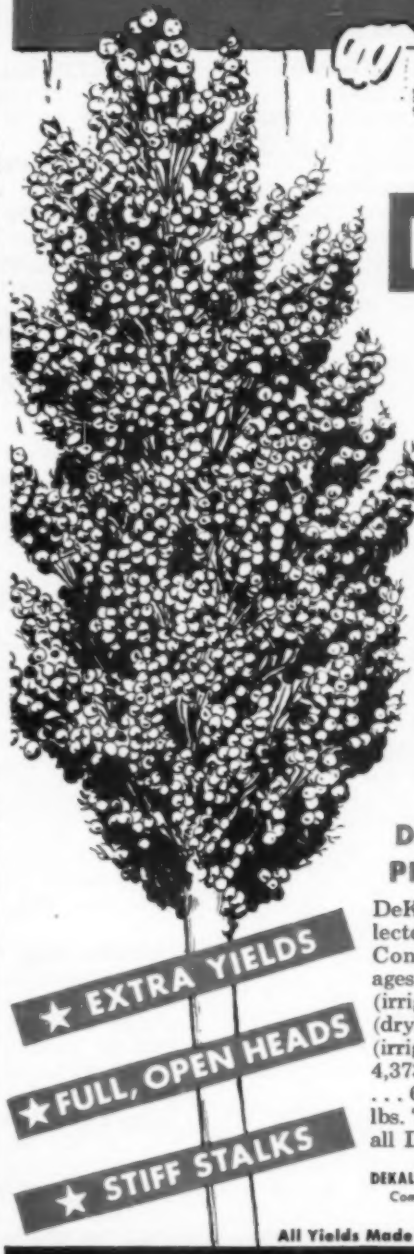
Sanitation through all pens is affected by a thorough hosing down twice a day. Malathion sugar syrup is painted on pen rails, and a malathion bait sprinkled in alleyways after each hosing, to control the fly problem.

Simpson foresees a great future for hogs in the South. "After all, it takes a lot more hogs than we've been growing, just to supply our own market," he points out.

But he's firmly convinced that the old-time Southern hog lot is just as surely on the way out. You can't do a good job in a dirty lot and wallow hole, where you have to wear gum boots just to feed 'em.

Look No Further

Here's the Sorghum to Fit Your Farm!



DEKALB HYBRID SORGHUM

DEKALB
HYBRID SORGHUM

Check these profit-boosting features. Full, Open Heads . . . calculated to reduce insect damage . . . permit faster, better drying. Extra Yields . . . in 505 tests in 1957, DeKalb outyielded competitive sorghums (including both standard breds and other hybrids) an average of 19.59 percent. Strong, Vigorous Stalks that remain green while the heads are maturing spell good standability with DeKalb Hybrid Sorghums. These BIG EXTRAS are yours when you BUY DEKALB.

DEKALB'S SUPERIORITY PROVED IN YIELD TESTS

DeKalb is proud of its first year of Selected 5-acre Hybrid Sorghum Yield Contests. Look at these state averages and you'll know why . . . Texas (irrigated) . . . 5,925.02 lbs. per acre, (dryland) . . . 4,504.51 lbs. Oklahoma (irrigated) . . . 5,017.60 lbs., (dryland) . . . 4,373.04 lbs. Kansas . . . (irrigated) . . . 6227.52 lbs., (dryland) . . . 4,868.82 lbs. These are "profitable yields"! Plant all DeKalb Hybrid Sorghum next time.

DEKALB AGRICULTURAL ASS'N., INC., DEKALB, ILLINOIS
Commercial Producers & Distributors of DeKalb Seed Corn, DeKalb Chix and DeKalb Hybrid Sorghum.

All Yields Made On Selected 5-Acre Contest Plots.

PLANTED BY MORE FARMERS THAN ANY OTHER BRAND

By Gerald Dearing

COTTONCAST.

- *Farm bill finally passes*
- *Textile labeling should help*
- *Plan now for '59*

AFTER COMPLICATED LEGISLATIVE maneuvering the Congress passed a farm bill. Instead of making cotton competitive immediately, the bill takes four years to reach the low levels sought. The escape from the foes of farm legislation was close and the price for passage was a compromise which moved in the direction of competitiveness, but which contained much of the old program. It wasn't as much as could be desired, but it was better than nothing at all.

SUCCESS OF THE PROGRAM of lowering prices to increase consumption in order to step up production rests with the textile mills. Their spokesman told Secretary Benson that within two years after the law became effective the domestic off-take would be increased from present levels to more than 11 million bales a year. Since the bill does not become effective until 1959, it will be 1961 before it can be proved that they are right.

THE TREND TOWARD LOWER CONSUMPTION because of the high prices for cotton will continue for another year. The 1958 loan of 35.08 cents for Middling 1-inch at average location is the highest in history. Offtake in the season just ended was only 7,983,000 bales, down more than 700,000 bales from the 1956 season, which was 600,000 bales under the 1955 crop year. It would not be surprising if the 1958-59 offtake, before the lower prices are effective next August, drops to 7,500,000 bales or less.

SECRETARY BENSON HAS SAID that he will give farmers who elect to take lower prices next year the full 40% acreage increase permitted by law.

FARMERS SHOULD WELCOME one provision of the new farm law. It requires that loans be made on split grades beginning in 1959. No more will cotton that is just under Middling in trash and full Middling in color take the Strict Low Middling Loan. A new quality, Strict Low Middling plus, will supply a loan rate between Strict Low and Middling. The provision should be especially welcome in the areas where light spotted cotton was put in the same low category as the heavy spots.

TEXTILE LABELING should help the cotton farmers. The bill requiring labels showing the fibers used in textiles was passed by Congress. It will mean that the buyer of cotton goods will have warning that other fibers are mixed with the cotton. In the past the diluted goods could pass as 100% cotton.

FARMERS SHOULD NOT BE DISCOURAGED that the early, better quality cottons have not found a ready market. The poor quality of the 1957 crop caused mills to turn to low grades from necessity. They have been very successful in using the lower quality cottons and, because of price, prefer to continue with them if they can.

If the quality of the 1958 crop holds up they will be forced to return to the better qualities. If the price is not at the loan level, use the loan to hold for a better market. It may be that, because some shippers have made commitments for the lower grades, the discounts for these grades will narrow if the supply is barely normal.

Price still is a major factor in determining the way cotton flows to the market. Should the price of low grades move too close to the better qualities, the demand for the better qualities will improve. Watch your market.

FARMERS HAD BETTER START NOW figuring what they plan to do in 1959--take the 80% of parity offered and the allotted acreage, which will be about 8% under 1958, or take 65% of parity and an increase of 40% over their allotted acreage. In figuring they should remember that the 65% figure is a loan rate, not the market price.

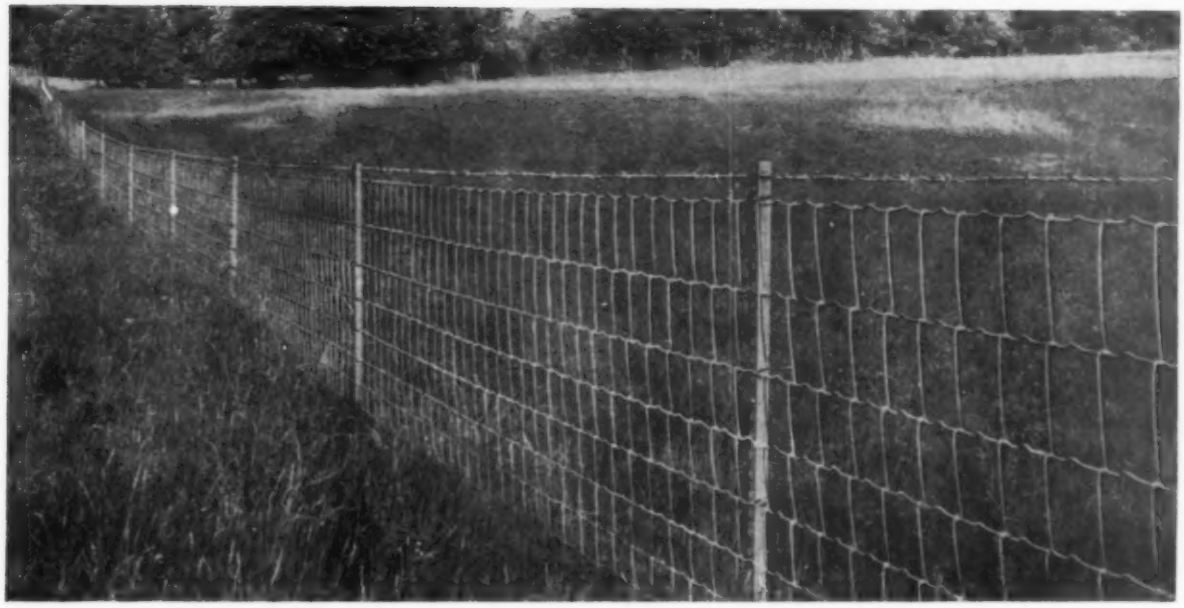
It is expected that the cotton under the first choice will be bought by the CCC and reoffered on the market at 110% of the lower support price. This, then, will be the market price for cotton, and it figures better than 71% of parity. Each farmer has a different problem. Each must reach his own decision.

No farmer buys anything unless he has to!

Farmers buy fertilizer because it pays dividends each year in higher crop production.

Fence produces dividends just as surely as fertilizer, but over a longer period of time, because it cuts labor costs, speeds the handling of livestock, and protects crops and livestock from damage. The savings from good fence can be tremendous.

That's why you should look for quality when you buy fence. The longer it lasts, the higher its dividend rate. And that's why so many farmers rely on USS American Fence. Thirty—even forty years of service are not unusual, when it has been properly erected.



American Fence was one of the first to incorporate the tension curve and the hinge joint in its construction. These improvements have never been surpassed. You can get American Fence in a height and gauge for any farming need.

Buy the fence that has proved itself. "*There's more American Fence in use than any other brand!*" . . . you can't buy better. Ask your dealer for American Fence—marked with the USS trademark—the next time you need fence. Tennessee Coal & Iron Division, United States Steel, Fairfield, Alabama.

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CHOOSE
REDA
Submergible
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for over 35 years!

for dependable
- FARM
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- IRRIGATION water service

A complete line for wells as small as 4-inches.
- Easier to install—only one pipe from pump to tank.
- Freeze-proof without well-house or pit.
- 1/3 to 300 h.p. Lifts from less than 30 to over 10,000 feet.
- Capacities from 5 to over 1000 gallons per minute!
- No priming—no noise or vibration.
- Less maintenance—factory sealed lubrication—constructed of corrosion-resistant materials.
- LIBERAL WARRANTY.

You'll get *more water per dollar* because REDA *SUBMERGIBLE ELECTRIC* PUMPS cost less to buy, less to operate, and less to maintain!

SEE YOUR AUTHORIZED DEALER, OR

Write TODAY!

SIGN OF QUALITY SUBMERGIBLE REDA PUMPS

FREE COLORFUL BULLETIN WITH SELECTION CHART MAILED ON REQUEST.

REDA PUMP COMPANY
Bartlesville 1, Oklahoma
Please send:
Free, colorful bulletin describing advantages of Reda-Submergible Pumps ☐
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(Please Print)

Livestock Letter

the Latest First—on beef, dairy, swine, sheep

MINUS MILK, MORE WORMS. Report from Animal Disease Lab., Auburn, Ala., shows calves that are milk-fed have fewer stomach worms. Just how the "built-in" worm control works is still a mystery.

LEAVE 'EM ALONE! It's not like with steers. Some western tests show that spaying heifers doesn't make them better feeders. In fact, those tampered with gained less than open heifers.

NEW GRADES FOR LAMBS AND SHEEP? USDA will soon propose to change slaughter grades for lambs and sheep--to lower requirements for the top grades, as was done with carcasses of mutton and lambs in 1957.

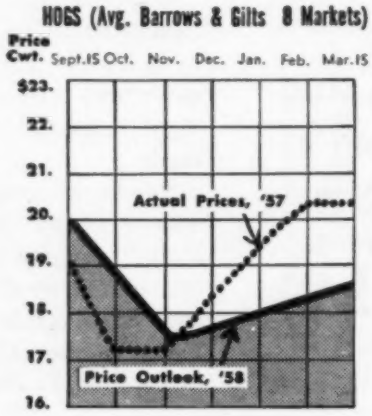
TON AND A HALF on the hoof? It's no brag. A 5-year-old Brahman crossbred steer, tipping the scales at 3,050 lbs., is on exhibit at Glendale, Ariz.

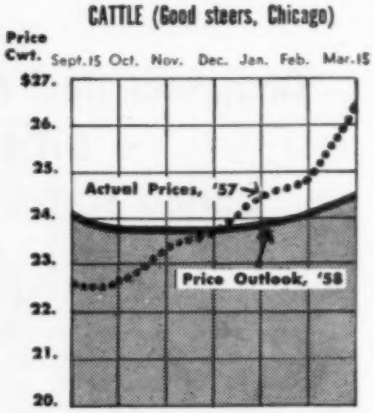
ANOTHER MILESTONE REACHED by New Mexico cattlemen. The state is now declared modified-certified brucellosis-free. That means the infection rate has been reduced to 1% or less of all cattle in the state. A. E. Triviz, associate Extension director, says it's a big step toward complete eradication of this disease.

IT'S OFFICIAL NOW. "Dictycide" was approved last month by Food and Drug Adm. for use against lungworms in hogs, sheep and cattle. The anthelmintic is available now through vets.

PINK EYE SPRAY, with a valve that meters the dose, cuts waste, has been introduced to the market. With the spray the right dosage can be easily and quickly applied. Ask for Cooper Pressurized Opticure Spray at most supply stores.

LIVESTOCK PRICE REVIEW AND OUTLOOK



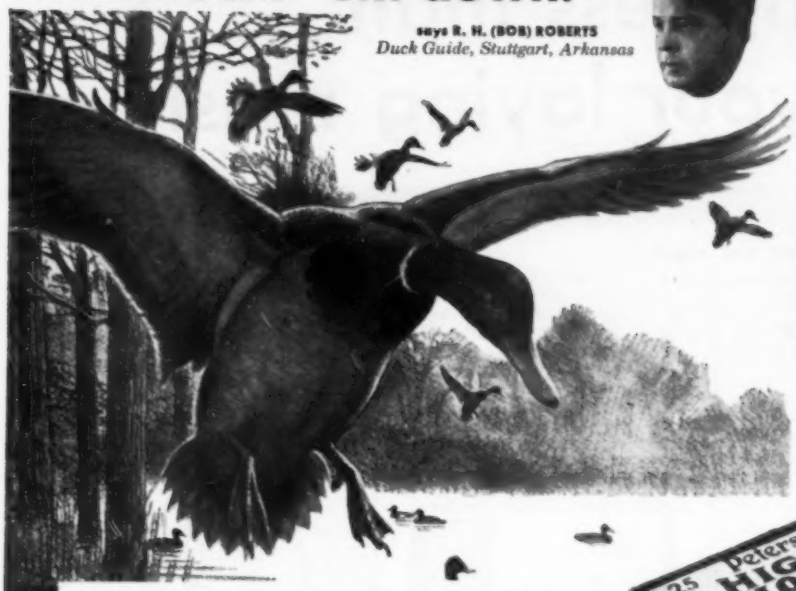


(Note: Outlook figures are "guesstimates," not official forecasts.)

PETERS POWER

"...knocks 'em down!"

says R. H. (BOB) ROBERTS
Duck Guide, Stuttgart, Arkansas



"As every waterfowl hunter knows, it can get pretty cold when you're out after duck on a frosty morning. And you're in no mood for a miss when the ducks get in range.

"In this area they're mostly mallards. They come in atop our high pin-oak timber, where you need extra power and maximum range to knock 'em down.

"That's why I always use and recommend Peters 'High Velocity' to all my hunters. Peters delivers perfect patterns . . . so no bird can slip through. Perfect performance every time to make sure I always get my fair share."

Thanks, Bob. Experienced shooters and hunters everywhere agree with you. They know that you just can't buy more powerful or dependable ammunition than Peters "High Velocity." Insist on "High Velocity" at your dealer's!

Perfect for waterfowl and upland game . . . perfect for any make of modern shotgun . . . Peters "High Velocity" shotgun shells deliver uniform patterns every time. "Rustless" priming gives you split-second ignition. And their tough, scuffproof bodies are "Water-Tite" for absolute dependability.

Peters packs the power!

DU PONT
REG. U.S. PAT. OFF.

PETERS CARTRIDGE DIVISION, BRIDGEPORT 2, CONN.

"Rustless" and "High Velocity" are trademarks of Peters Cartridge Division, Remington Arms Company, Inc.

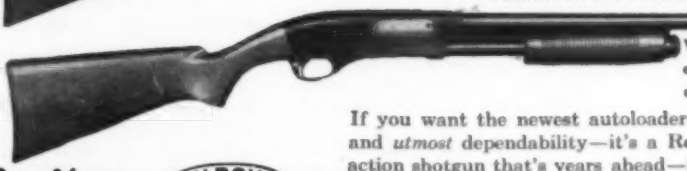
If you want today's most advanced shotgun, shoot a REMINGTON!

SENSATIONAL NEW REMINGTON "SPORTSMAN-58"

as shown
$136.45*

Lightweight autoloading shotgun with exclusive "Power-Matic" action, "Dial-A-Matic" load control. Light recoil.

REMINGTON MODEL 870 "WINGMASTER"



as shown
$85.95*

Velvet-smooth pump-action shotgun with exclusive breechblock lock and interchangeable-barrel feature.

If you want the newest autoloader with the *right* balance, *less* recoil and *utmost* dependability—it's a Remington! If you want the pump-action shotgun that's years ahead—from exclusive breechblock-locking design to easy take-down—it's Remington again! Before you buy be sure to see the new Remington shotguns!

Remington

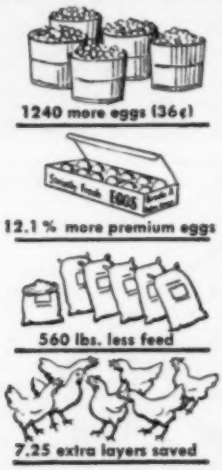
DU PONT

*Prices subject to change without notice.

"Sportsman," "Wingmaster" are Reg. U. S. Pat. Off. by Remington Arms Company, Inc., Bridgeport 2, Conn.

Why you shouldn't settle for anything less than nf-180® in your laying mash

Typical results on 1,000 hens per month



$37.20 extra profit

$5.54 extra profit

$22.40 saved

$5.44 saved

A well-managed commercial flock already at 72% production was divided to test results of an nf-180 medicated group against the other half continued without medication. Getting results from a feed additive to improve production beyond 72% isn't easy . . . but nf-180 did it. By adding up the dollar value of *Improved Production, More Large and Extra Large Eggs, Better Feed/Egg Ratio, and Higher Livability,* you see a net increase over medication cost of $60.00 per 1,000 hens per month. In effect, spend a penny-a-month per hen for nf-180 and get 6 cents extra profit. Figure this on your flock.

$60.79 extra income over nf-180 cost of $9.79

New concept of low-level feed medication improves production, prevents slumps due to stress, gives better feed/egg ratios

Poultry scientists say there is no such thing as a 100% healthy bird. Even the best-managed flocks are pulled down in production by the costly disease drag which always is present.

Until recently, about the only way you could fight disease was to treat outbreaks as they popped up... and suffer production losses until the trouble was brought under control. In recent years, laying feed additives have made such treatment easier and more effective. But these additives are sold under many brand names and belong to several broad drug families. While good things can be said about them all, it has been confusing to decide which is best for your flocks. And losses by treating *after* trouble appears have remained a problem.

New Concept: Continuous low-level medication

Now scientists have come up with a more effective way of heading off these problems . . . and losses . . . before they happen. It's a new "ounce of prevention" concept made possible by a superior drug called nf-180. Fed at continuous low levels in your laying mash, nf-180 prevents disease build-up in your flock, heads off losses, steps up egg production and profits.

Does this low-level preventive program work under practical conditions?

Yes, say poultry scientists at five universities and experiment stations. And they back it up with well-documented research data.

It works this way: You continuously feed nf-180 at a low level to provide 25 grams of furazolidone per ton of complete laying ration. nf-180 is so effective that even at this low level it keeps the pressure on germs 24 hours a day. It greatly reduces the constant disease drag which causes lost production, poorer feed/egg ratios, and makes birds vulnerable to sudden slumps caused by stresses.

Outdates all other feed medications

In short, nf-180 low-level feeding simply outdates other feed medications. Flocks protected in this

(continued next column)

manner show improved production, better feed/egg ratios, improved livability, longer laying life, less likelihood of slumps due to stress, and improved hatchability of eggs.

How well this new method pays off is shown in the chart (left) which is based on a well-managed commercial flock at 72% production when the tests were started.

Why it works

There has been ample evidence that nf-180 is unmatched for quick treatment of disease outbreaks. The big difference between nf-180 and most other drugs has been that nf-180 out-and-out *kills* germs while the other drugs merely *check* germs.

And while all drugs used in feed medications fight some of the germs some of the time, nf-180 *prevents more poultry diseases than any other drug.*

Another way in which nf-180 is different is this: Since nf-180 kills germs, there is no chance for resistant strains to develop. A recent editorial says, "Among the thorniest problems facing researchers is the tendency of germs to develop immunity to drugs."

It points out how long-used antibiotics tend to lose their effectiveness . . . require higher and higher levels to do the same job. The reason is that they simply slow germs down . . . temporarily hold them in check until sturdier, resistant offspring come storming back. Some of these new germs, in fact, thrive on the very antibiotics originally used to treat them.

But in over 5 years of disease fighting, no significant evidence of strains resistant to nf-180 has developed. The same drug levels have continued effective year after year.

Try new continuous nf-180 feeding in your flock

It stands to reason that a drug with the many advantages which nf-180 offers can improve your flock's well-being and profit performance. Your feed dealer can supply you with nf-180 fortified layer feeds one of two ways . . . with a feed already formulated with low-level nf-180, or by custom-mixing nf-180 in your present ration. In any case, it will be profitable to you to get started now improving overall flock performance with nf-180. Get full details and then see your feed dealer. Write today for free service folder "Low Level nf-180 for Layers" to Hess & Clark, FM-4, Ashland, Ohio.

nf-180®
furazolidone

HESS & CLARK, Inc.
ASHLAND, OHIO NC-8-13

RANGE REPORT

For the "Short grass" (low-rainfall) area of the Southwest

BECAUSE MOST WEST TEXAS LAMBS this year are very heavy, a new version of last spring's sliding-scale lamb price has been used by many buyers during the fall marketing season. It places a severe penalty on overweight feeder lambs.

A typical version set a 20-cents-a-pound price on a maximum of 75 pounds. If the lamb actually weighed 85, the ranchmen had to give away the other 10 pounds. This, in effect, placed a $15 ceiling price on all feeder lambs regardless of weight. Last spring's controversial sliding scale used by packers placed a base price on a given weight, usually 105 pounds, with price dropping a set amount for each pound over.

CENTRAL TEXAS STOCKMEN who customarily buy West Texas lambs and winter them, hoping to sell them grass-fat in the spring, are in a quandary as buying time comes this fall. Many of them took a severe beating last spring because packers drastically discounted their overweight fat lambs. Stocker and feeder lambs they must buy this fall are both heavier and more costly than a year ago. If they fatten well this winter, they are almost certain to weigh as much or more next spring than last, inviting another packer discount.

WEST TEXAS RANCHMEN, in their first really wet year after the long drouth, have come up against an old problem they had almost forgotten--grass fire. A great many costly fires occurred as July and August heat dried out range vegetation. Informal neighborhood organizations were set up to fight them.

At Sonora, rancher-owned airplanes helped direct ground operation of livestock power sprayers, and there was talk about co-operative buying of radio equipment for better air-ground communications.

SOME RANCHMEN in the Leakey area are shearing Angora goats three times this year instead of the usual two. Abundance of burs and other defects made ranchmen decide it is better to be docked now for selling short mohair if they can keep goats clean and aim at a really good spring mohair clip in 1959.

WITH GOOD RANGE FEED and hot weather, some ranchmen around Brackettville had to shear lambs during summer to combat so-called "stiff disease." It resulted from fat melting around the kidneys.

Best treatment was shearing, then keeping lambs in a trap with plenty of shade and water. Because they did well this year, lambs carried more fat and more wool, so heat bothered them worse.

The Latest First

From BILL KENNEDY

The only full-time, resident Washington editor on the staff of any farm magazine

★★★★ WASHINGTON WIRE ★★★

Farmer's Utopia . . . Supports Without Controls

AS predicted, pressure from the farm (mainly cotton) industry forced the House to act on farm legislation. But its Agricultural Committee was so tired of being pushed around that it scoffed at any more compromise. Members have been "compromised" 'til they were tired of giving . . . and refused to meet in joint committee to iron out differences between theirs and the Senate bill. Senate was forced to accept the House package.

This is important to the "government of farming" (or "farming by government," if you prefer) because—although the bill carried *most* of the things Secretary Benson and the Farm Bureau wanted—it also had its "gimmicks." It sets the *minimum* price support at 65% of parity (as against 60% in the Senate version) . . . and with cotton, it returns the power to set price supports to the Secretary of Agriculture (after two years)—instead of having them determined by average market price, as in the Senate bill.

If corn growers vote in December to throw out the allotment program—and chances are they will—we could end up with more surplus corn than ever. With a guaranteed price of $1.14 a bushel and no production controls, it takes little imagination to picture what the Corn Belt will do.

Secretary Benson accepted the bill as a "weak move in the right direction." The Farm Bureau, while refusing to support it, smiled in its sleeve and offered scant opposition. They both may be sorry.

Last-minute change in the cotton section clipped out the formula for setting price supports (Farm Bureau's 90% of market price) and gives price-setting power to the Secretary. This is what Benson asked for at the start of the session . . . only he asked for free range from 60 to 90% of parity. What he gets is 65 to 90%, with the further requirement that there be *no less than 16 million acres* of allotments.

What's more, he will never get to *use* the range. The bill clearly outlines what the support price will be over the next two (individual choice) years; and after that, the Secretary says what the level will be. But "after that," Benson will no longer *be* Secretary.

Who knows? With a change of administrations, Rep. Harold Cooley—or some other high-support addict—may be Secretary . . . and set price supports at 90% of parity.

On the other hand . . . there is (forever) another session of Congress coming up.

'T Ain't Funny How They Voted

When the House voted on States Rights, Southern congressmen voted for it in a bloc . . . and it passed (House only). The count (South) was 106 to 3. Only Perkins of Kentucky, Brooks and Thomas of Texas voted against it.

But it was different in the Senate. The vote there was 41 to 40 to kill the bill (and send it back to committee).

(Continued on page 28)

Servis Implement of the month

Gyro-66: Cotton stalks to confetti—fast!

Shredding green stalks with heavy foliage, the Servis Gyro-66 uses intermeshing rotating and stationary blades, leaving a 66" swath of fine green litter. Even in the rankest growth, there is no clogging.

Brush cutting it handles with equal ease. Guaranteed to cut 3" brush (with stationary blades removed), it has been demonstrated on much heavier stuff.

Hay mowing attachment is a new development. With attachment in place hay is automatically windrowed with no need for raking — one operation saved.

Ask your Servis dealer for a demonstration.

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☐ 8 M-60" Mower (Belly Mount)
☐ Hudson Automatic Row Marker
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☐ Heavy-Duty 3-Way Blade
☐ No. 7 Angledozer; and Brush-Rake
☐ Pasture Renovator
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GATE DOWN: Water backs up and flows out into the fields through side ditches or tubes when the gate is lowered.

GATE UP: When the pre-set alarm clock winder releases a trigger, a heavy door spring raises the irrigation gate.

MR. RAY W. NIX, inventor, is shown (left) with Texaco Consignee John Burroughs, who provides neighborly service.

"ALARM CLOCK" IRRIGATION SYSTEM SAVES TIME, TROUBLE AND WATER

Ray W. Nix, progressive farmer of Ault, Colorado, operates his irrigation system with an alarm clock! At the time set to go off, the winder releases a trigger—and a heavy door spring raises the irrigation gate or dam.

When the gate is down (see above left) the water backs up and flows out into the fields through side ditches or tubes. When the gate is up (see above, center) the water proceeds down the ditch to another irrigation gate.

Result: A real time and labor saver—and most important of all, a limited amount of water is utilized more efficiently. Mr. Nix agrees that *it pays to farm with Texaco products.*

E. NEVIN WEBER (right), Mechanicsburg, Pa., agrees with Texaco Distributor Lester Erb (left) and Texaco man R. S. Ogilvie that Havoline Motor Oil is best, because it wear-proofs—and cleans—truck, car and tractor engines, assuring longer engine life . . . top performance.

JAMES T. CRISP (right) of Trenton, Tenn., finds that Texaco Marfak lubricant sticks to bearings longer . . . won't jar off, wash off, drip out, dry out or cake up . . . adds life to all farm machinery. He gets neighborly service from Texaco Consignee C. B. Singleton, Jr., shown at left.

J. F. MONROE (right) of Lumberton Oil Co., Lumberton, N. C., Texaco Distributors, points out to T. C. Parham, Jr., Marietta, N. C., that *one fill* of Texaco PT Anti-Freeze protects the engine's cooling system all winter. PT won't foam or boil away—guards against rust and corrosion.

On farm and highway it pays to use

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Texaco Products are also distributed in Canada, Latin America, and Africa.

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hammerless, closed-in bolt action. Better looks, surer operation, safer.

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22cal.7-shot repeater with "all cartridge," clip magazine
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Same with new high-precision target sights (Model 340B) $33.95

NEW clip automatics shooting 22 cal. Short, Long and Long Rifle ammo.

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Washington Wire

(Continued from page 26)

Here was a bill to prevent the Supreme Court from knocking down state laws not in conflict with federal laws . . . killed by one stinking vote . . . and *three Deep South senators voted for the kill.* At least two others could have swung the vote, and didn't.

Nobody was surprised at Tennessee's insult to the memory of Davy Crockett, Estes Kefauver; or at Texas' upstart left-winger, Ralph Yarborough. Their votes to ax the law were expected. Senator Holland of Florida *could* have been there to vote but wasn't—was home campaigning against Claude Pepper (and might have lost votes by it). Kerr of Oklahoma was *present* and didn't vote.

But worst of all was Smathers of Florida and Johnson of Texas. Smathers was "paired" against the move to kill, but was "paired" with Monroney of Oklahoma, who was for killing the bill but couldn't be there to vote. Smathers lent himself to a scheme that paired a live 'un with a dead 'un.

And the man who got credit in the eastern press for this scheme and others that "saved" the bill from passing was the Majority Leader himself, Lyndon Johnson of Texas. Whether he did the maneuvering or not, his vote to kill could have turned the tide.

(Seems like every time a Southerner gets on the rim of the presidential picture he thinks he has to sell his soul, his state and his region to the Socialists.)

Giving credit where it is due: When the rest of the South was voting solidly against Federal Aid to Education (knowing full well the government *controls* what it subsidizes), Reps. Smith (Miss.), Cooley (N. C.) and the entire Alabama delegation voted against killing the bill. As you know it later passed.

At least the Alabama delegation was consistent. As a group, it was the only one from the South who voted against the right to add "teeth" amendments to the "sweetheart" Labor-Management bill. (This piece of milk-toast *did not* pass the House.)

Bill Kennedy

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on the job

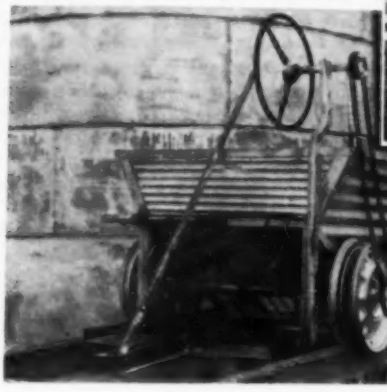
Old timers who know horses and horse care are never without Absorbine. It's the recognized antiseptic veterinary liniment that can help catch a spavin before it settles . . . help clear up a hardened condition like ringbone. A large bottle costs only $2.50 at any druggist.
W. F. Young, Inc., Springfield, Mass.

EASY SILAGE FEEDING

A silage cart has helped Roy Kopp, Ottawa County, Okla., save feeding labor and fuel cost. Kopp's cart has a sliding bottom of sheet metal which can be pulled out, distributing silage as he rolls it along on top of the feed rack with a hand wheel. Cart will hold 500 pounds of silage.

Photo below shows how the cart is constructed from scrap iron and old automobile wheels. It's sided with corrugated sheet metal roofing, and is driven by a chain running to a wood-boxed shaft that connects the rear wheels.

Kopp's only cost was $20 for welding.



Take backache out of spraying

When his back-pack sprayer got too heavy, Roy Templeman, Rowan County, Ky., built this sprayer to make the job easier and quicker.

He took a washing machine motor and a compressor from a refrigerator, mounted them on a 25-gallon barrel that could be carried on a wagon.

Two pieces of 25-foot rubber hose, with spray nozzles from a knapsack garden sprayer, do the spraying.

With this arrangement, Templeman and his wife can spray 17 rows at a time, at a cost of about $30 for the rig.

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ROTARY CUTTER
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WASTELAND
into
MONEYLAND

By clearing, shredding and mulching in one operation . . . all in double-quick time . . . Bush Hog saves you time and labor -- makes you money!

- Side Skids Prevent Digging!
- Free-Swinging Blades!
- Heavy Duty Gears!
- Enclosed Frame!
- No Slip Clutches!
- Adjustable Cutting Height!

MODELS Pull type; 5', 6' and 7' swaths. Also with 2 inset rear wheels for close trim. Lift type; 5' and 6' swaths.

ATTACHMENTS "Flying Saucer" Blade holder; fast hitch; snapcoupler; offset cutting (orchard mulching); high clipping (row crops)

This Successful Farmer Says:

"I'd rather have my Bush Hog than a bulldozer in clearing bushes. We can clear about one-half acre an hour. We have cleared 20 acres of sweet gum and alders higher than our big tractor.

OTHER BUSH HOG IMPLEMENTS

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All-purpose cutting. 3 overlapping blades.

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MASON SHOE, Dept. F-151, Chippewa Falls, Wisconsin

Under the new cotton law . . . WHAT'S

The Choice

(A) Keep your present allotment (less about 10% if you have more than 10 acres) and have a price support of 80% of parity, or . . .

(B) Add 40% (could be set less by the Secretary) to your allotment and have a price support 15 percentage points of parity less. (This would probably mean you'd get three cents less for your cotton — since CCC would sell its supply at 110% of the lower support.)

ON hand-harvest, small-acreage, bale-per-acre farms of the Southwest, Mr. "Average Farmer"—faced with the choice of plans for cotton—has little "choice" but to take the high support road, or come out on the short end of the stick.

In 1961, when there is no longer a high-support plan, he'll get to choose again. His choice then will be whether to produce cotton for a lower price . . . or get out of the cotton business.

But nobody is "average." *Yours* is a special case, and you'll have to do your own figuring—based on *your* acreage, *your* yields and *your* labor and other costs.

The average size cotton allotment in Texas, for example, is 35 acres. And the average yield per acre is something less than 300 pounds of lint per acre. It costs you about $50 an acre to grow half-bale-per-acre cotton—and your profit per acre is $20 to $25 at about present prices. And 1½-bale yields costs about $135, leaving a profit of about $90.

At that rate, if you make a *bale per acre* on the "average" 35 acres, you'd have *a return of $1,750 on your crop.* If you took the 40% increase in acreage (bringing you to 49 acres) and took three cents a pound less for your crop —still averaging a bale per acre—you'd have a return of $1,715.

You'd be getting $35 *less* by taking choice "B"—and

Farmhand-for precision land forming!

PRECISION LEVELING in the direction of travel as well as crossways saves time and water. It's this all-direction leveling that eliminates ponding and eroding. The field may be planed or "floated" from several directions with the blade perpendicular to the line of travel.

CONSERVE MOISTURE, prevent runoff, by "bench" leveling with the Farmhand. The automatic leveling makes it easy to build the "benches" and to maintain them. The Farmhand also builds perfect borders, in any spacing over 10 ft. They can be built simultaneously with the final, finish leveling pass across the field.

GET TOP YIELD and highest profit from every acre by preparing your fields with the Farmhand Land Leveler. Only Farmhand offers a patented, automatic leveling device. Your 3-plow tractor will easily handle the Farmhand . . . giving precision leveling at lowest cost.

DEPTH OF CUT and blade angle are controlled from tractor seat to simplify grading. Blade can be locked at predetermined angle. For easy transport the 12-ft. blade may be raised to give 13-in. clearance and angled to a width of only 8 ft. 6-wheel carriage directly behind the blade, makes unit easy to pull and easy to maneuver.

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A Division of Superior Separator Co.

YOUR CHOICE?

By BILL KENNEDY

would have 14 more acres tied up in the crop.

That's not encouraging. Even if you did all your own work, including picking, and kept *that* money in the family . . . you'd gain only about $760 from the extra acreage. And look at the extra work!

On the other hand, if you can make 1½ bales per acre (profit, $90), you can do a little better than break even under choice "B". On 14 acres it figures about $1,100 extra.

If you're a 2-bale-per-acre man, you can begin to figure on a real profit from the extra acreage. Or, if you can keep production and harvest costs below the figures used in the example, by mechanization or otherwise. Or if you have large acreage to work with for more volume—these three *ifs* wrap up whether the extra acreage will mean much to *you*.

Bear in mind that in 1960 the choice will be even harder to make—because the "high support" then will be 75% of parity, instead of 80% as it is for 1959.

And after that, everybody wears the same kind of boots. Acreage will be set by the Secretary of Agriculture, at not less than 16 million acres. (Taking the extra acreage the next two years will not increase your allotment for 1961.) Price supports will be set by him at anywhere between 70 and 90% of parity in 1961—between 65 and 90% of parity thereafter. No "escalator clause" will control; it will be simply a decision by whoever is Secretary of Agriculture.

Field editors of FARM AND RANCH have talked with all kinds of experts, including cotton growers about what choice farmers should take. We're presenting some of their views in the hope they'll help *you* make the right decision:

Erle Biggs, Crittenden County, Ark. (has 300 acres of cotton, uses machine pickers): "I'll probably plant the 40% extra, although it's a poor choice. I don't have the equipment to handle the larger acreage, and can't afford the investment. The bill was no good in the first place; you can't grow cotton in this area for 25 cents!"

M. H. Zapalac, McLennan County, Tex.: "Since I'm going out of the cotton business soon, I'll take my present allotment of 51 acres less the 10 or 12%. If I were going to stay in, I would take the 40% increase, buy a cotton stripper, cut cost of harvesting, risk the world market rather than a calculated 29 cents support price on redeemed acres."

V. C. Slagel, Ellis County, Tex.: "I don't know too much about this cotton business, but prefer to hold on to my allotment of 69 acres less the 10% so long as the labor situation is like it is."

NEW from Farmhand...the big, labor-saving "420" Feeder

HERE'S THE NEWEST AND BEST in Power Feeding. The Farmhand "420" is designed to put more *speed* and *profit* into your bunk-feeding, forage-handling, and silo-filling jobs. And it's built by Farmhand the pioneer in feeding equipment, to deliver top performance at lowest cost, under all conditions. Ask your Farmhand dealer for a demonstration on your farm!

SPECIFICATIONS

CAPACITY . . . 420 Cubic feet.
OVERALL DIMENSIONS . . . 185" long x 72" wide x 60" high (15" height extensions available).
UNLOADING SPEEDS . . . 1 and 3 minutes @ 550 RPM.
CONSTRUCTION . . . 16 ga. cold rolled steel sides welded to steel braces and toprail. (Airmatic, slug-welding used throughout.)
CROSS-CONVEYOR . . . 3-ply rubber belt, 24" wide.
FLOOR CONVEYOR . . . Full box width, 2 chain (1⅝" roller) conveyor with carbon steel slats.
SPRINGS . . . Required with all wagon-mounted units.
OPTIONAL EQUIPMENT—Seals for dry feeding ● Extension sides ● Tongue extension ● Forage hoods ● Elevator ● PTO and guard.

THIS BIG-CAPACITY FEEDER is ruggedly built. One-piece sides are sheet steel with welded steel channel braces. Floor is treated ¾" marine plywood. 24" belt cross conveyor means fast unloading at the blower, bunk or silo. The "420" mounts on truck or heavy-duty wagon for easy handling in the field or on the highway.

FOR BETTER MIXING there are *three* 14" diameter beaters . . . with staggered teeth for more thorough mixing with lower power requirement. Heavy 2-chain floor conveyor is powered from PTO through worm gear assembly for smooth operation.

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Farmers vote in December . . .

Now it's a Corn Choice, too

WHILE cotton growers decide individually what kind of support and control program they want for '59 . . . corn growers will vote on two programs in December and abide by majority rule—or refuse to abide, which is what they have been doing lately under the old law.

The corn vote was hastily written into the House farm bill jammed through Congress at closing time. What it really amounts to is whether you want controls and supports, as in the past, or no controls with almost equal supports. It is not a hard decision as far as corn farmers are concerned.

The issue to be decided is whether to keep the corn program we now have, or to go to a Farm Bureau-type support program with no acreage limitations. In the latter case, corn supports would be set at 90% of the three-year market average *or 65% of parity, whichever is greater.* (And this last phrase is what caused Farm Bureau to disclaim any credit for the "package." They ended up opposing it.)

Other Farmers Affected

Only farmers in the commercial corn counties will be permitted to vote. But others will be interested in the vote. Should they vote in the new program, all feed grains will be affected (provision is for other grains to be supported in a "fair" relation to corn prices). Grain sorghum producers, for example, who would like to keep a price advantage over corn will not get to voice their objections.

Southern farmers not in commercial counties will want to watch the vote, too. If corn prices are to be held artificially at no less than $1.14 a bushel—as would be the case under the new plan—then you may want to grow some corn yourself, rather than hope to buy it at 90 cents or $1, as otherwise you might do.

Some farm leaders, including the Farm Bureau, say the choice is unfair—the new program guarantees 65% of parity to corn growers *without controls,* while cotton farmers, for example, are headed for that *same level of supports under strict controls.*

Some Farm Bloc lawmakers think farmers will vote to continue

KILL RATS WITH K-R-O

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under the old program—where the compliers have received higher supports, and where the Secretary of Agriculture has set a pretty good support figure ($1.10) for non-compliance corn.

Others who supported the bill feel the vote will be in favor of the new program; they think farmers who violated allotments in order to plant more acres the past two years (and 80% of them did) will be glad to settle for $1.14 and unlimited acreage. You'll want to bear in mind that under the old program the Secretary does not *have* to set a $1.10 level for non-compliance corn.

Either way it goes, the Democrats think they will have the Administration on the spot.

With a floor of $1.14 a bushel for supports and freedom to plant all they choose, it will take little time for the Corn Belt to produce enough to drive the price to the floor—where Uncle Sam will have to eat more surplus.

But regardless of political and economic results, if you live in a commercial corn county it is your responsibility (and much to your own interest) to vote in the December election. Do you want unlimited production, with a 65% of parity floor for support prices . . . or allotments, with 75 to 90% of parity supports as under the old system?

For layers and broilers—A Coccidiostat

FEEDS containing arsenosobenzene started cutting costly coccidiosis losses in broiler *and* laying flocks in September. One pound of Arzene—short trade name for arsenosobenzene—per ton of feed has been found to be extremely effective against coccidial parasites.

It's the first coccidiostat cleared for both broiler and layer rations by the U. S. Food and Drug Administration.

Marketed to feed manufacturers, half a cent will buy protection for the life of the bird.

Tests show the compound reduced numbers of parasites to a level where they had no disease effects on birds.

Tests also showed Arzene effective in stimulating growth, improving feed efficiency and developing immunity in exposed birds. It's safe for chickens of all ages, say manufacturers (American Cyanamid Co).

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Shoppers' Market Place—Turn to the Classified Department in this magazine to fill your farm and home needs. You'll find scores of items advertised, possibly just what you've been looking for.

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The all-new LILLISTON MOW 'HAWK Rotary Cutter

The Mowhawk does all the big jobs—shreds stalks, mows pastures, tops crops, mulches stubble, clears land — cuts a full five-foot swath. Deep, yawning throat gobbles up thick growth, axhead-weighted impact blades chew it to bits and pieces. The MOWHAWK'S the BIG BUY in rotary cutters — none other approaches its value.

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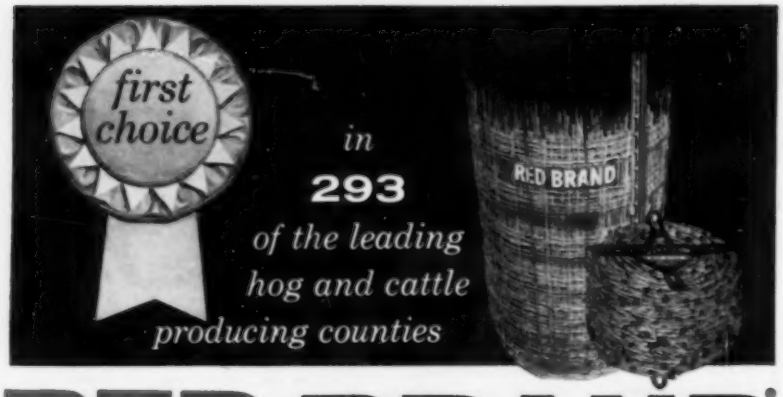

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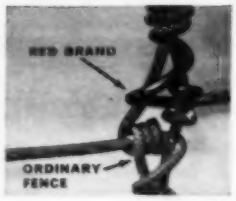
SO QUICK—SO EASY—You can set up to 300 strong, sturdy RED TOP® posts a day. RED BRAND fence is easy to stretch; adjusts readily to rough, uneven terrain. It's easy to splice, too. And there's a type of RED BRAND barbed wire to suit every fencing need.



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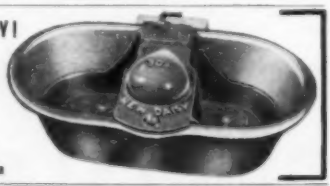
QUINN WIRE & IRON WORKS, Dept. 205, Boone, Iowa



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Proof in Performance

(Continued from page 15)

only a handful of pioneers, so far) privately say that the *idea* is terrific, and think it can be the hottest thing yet in beef cattle evaluation. But it has a long way to go, they admit; the association is in its infancy, and will have a hard time doing what needs to be done to make the idea work. Conscientious members—like Otha Grimes; President Glenn Burrows (Santa Fe, N. M. breeder); and President-Elect Charles Codding, Jr.—are boosting it hard. First thing you know cattlemen may be talking "G & W" rating just as much as they do bloodlines now. When they do, they may be doing more for the cow business than any $100,000 bull ever did.

(*Note:* Since page 14 went to press, M. R. Calliham has resigned as executive secretary of the PR association.)

If you ask us . . .

• • • I would appreciate it if you would tell me how to treat gourds for ornamental arrangements.
Mrs. Harold Howard *Little Rock, Ark.*

Gourds should be thoroughly matured on the vines before they are picked. They should be dry and the stem withered. To keep gourds in their natural state, wax with ordinary floor wax and polish lightly. Shellac may be used but this changes the color and appearance.

• • • I need some information on poultry disease. I raise Bantams in my back yard and the mortality rate is too high.
Oran M. Clark *Dallas, Tex.*

See our Poultry Disease chart which appeared in the Tallgrass edition of our September, 1958 issue.

• • • Please inform me about the possibilities of the new plant sorghum-almum.
A. E. Dixon *Morrilton, Ark.*

Sorghum almum has proved to be well adapted to heavier soils in Texas, and has been popular for hay and forage, yielding an average of about three tons of hay per acre in north central Texas. But we are sending your inquiry to the Arkansas Extension Agronomist with the suggestion that he may want to answer your inquiry as it particularly applies to the heavier soils in your part of the state.

How to establish Midland Bermuda

AFTER several tough seasons Midland Bermuda grass has proved to be about the best all-purpose grass that has been tested at the Noble Foundation Farms at Ardmore, in south central Oklahoma. It's adapted to many soil types.

Farmers who have it claim it responds to fertilization, will withstand heavy grazing and can grow side by side with many legumes. Here's how agronomists at the Noble Foundation suggest getting a good start with this grass:

Plow this fall to allow for settling and weed control, so you'll have a firm, well-prepared seedbed for planting next March or April. Late planting (after May 1) may give less weed competition, but the grass may suffer from drouth and might not become well established the first year. Always plant in moist soil, preferably soon after a rain.

Freshly dug roots are best, but if you have to store them a while before planting, better keep them in a cool, moist place.

Plant sprigs in furrows 36 to 42 inches apart and 2 to 4 feet apart in the furrow. Keep the sprigs as upright as possible, with the tip end uncovered, or at least not over 2 inches deep. Pack the soil firmly around the sprig. A tractor wheel will do a good job of packing.

Experience has shown that hand sprigging is better than machine planting. However, some farmers have had successful plantings with homemade planters, sweet potato transplanters and mechanical Bermuda sprig planters.

After the young plants are growing well is the time to topdress on the row with nitrogen to speed growth. If you use a complete fertilizer to help establish the grass, it needs to be placed below or to the side of the roots; grass roots can't survive the direct contact with too much fertilizer.

Better do a little additional work if you're going to set Midland Bermuda on very poor or erosive soils. Best idea is first to plant such soils with a winter legume, or vetch-small grain mixture. Then disk the growth under before the grass is planted. Some legumes—like button clover—can't stand acid soils. For them, better be sure the pH is at least 6.3—or add lime before you sow the seed. —*H. L. Gantz*

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Cash Value 1/20th of 1¢
BABBITT'S LYE

Letters

(Continued from page 6)

• • • Thank goodness for a man like Clyde Ellis . . . willing to stand up and fight for rural people and the rural electric program and mainly cannot be bought. The rural people and farmers need a lot more like him. In fact, the nation would be lots better off with more men like him.

Mr. Shuman would do well to stand up and fight for the farmer rather than criticize the programs that are for their benefit.

If you do not believe Clyde Ellis has 2½ million rural electric members behind him, keep up the "Straight Talk" as in the July issue and the big power trusts keep up their propaganda and you will find out how the rural electric members will flock to Clyde Ellis. I firmly believe your article will do us more good than the power companies. It is so far from the truth very few people will believe it. Articles of this type are stirring up the rural electric members and believe me when they begin rallying to their cause, you will find out how much power they have. . .

John J. Hood *Newnan, Ga.*

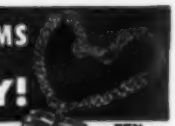
• • • I want to say that I always enjoy "Straight Talk" by Tom Anderson. I am glad that we have even one man who will tell them the truth as to matters happening now. I especially enjoyed his article as to the NRECA and Brother Clyde Ellis. I am attorney here for a co-op and I get all their stuff and political propaganda and I will say that this "Straight Talk" article tells the truth about them. . .

. . . All this fuss is because Eisenhower wanted them to pay the same rate of interest the government had to pay, and I agree with this. Then when Benson wanted them to present all loans over $500,000 to him for review they went up in the air. Then when the Attorney General held that they could not get loans to serve folks who were offered service by a private concern, they blew their top. I further know that these co-ops borrow money at 2% and then put it in savings banks and get 3½% interest. . .

. . . When Mr. Anderson says that the NRECA is a leech, I say Amen and add another word, parasite. This outfit drags the REA down for over a million dollars a year and does them harm instead of good.

I notice on page 6, *Rural Electric Magazine*, published by Ellis and his

CHRISTIAN ITEMS PAY YOU BIG MONEY!



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Feen-a-mint
THE CHEWING-GUM LAXATIVE

graft organization, that they attempt to criticize this "Straight Talk" article, but about all they say is to H--- with it, but do not try to show that it is not correct. They say "There is no need to go into an enumeration of all the items in the article with which we disagree". . . . . They do not try to answer any statement made in the "Straight Talk" article, but in substance say it's very unfair to criticize the great Clyde T. Ellis. Let this parasite take his million out of these folks for a little hot air.
Name and address withheld.

• • • "Straight Talk" is the best reading I get except my Bible. . .
Wirt Walker *Elkin, N. C.*

• • • "Straight Talk" has always been one of the first articles I would read. Your editorial in the July issue in which you misrepresent and malign the rural electric cooperatives indicates you are not really a friend to the farmer, but rather a tool of the 114 so-called "independent" private power companies as you endeavor to further their combined effort to eliminate co-ops.

Until such time as you correct your inaccurate and unfair editorial appearing in the July issue, please drop my name from your list. . .
Mrs. George S. Birch *Macon, Ga.*
We make corrections neither resulting from threats by readers or power companies, but only when our statements are proven to be erroneous.
—T.A.

Consolidate Rural Routes

• • • I believe consideration should be given to consolidation of rural routes with deliveries made three days a week instead of six, and delivery be made to each enlarged route on alternate days.

This would provide a full day's work for a full day's pay.

Further reduction of free delivery service and more boxes for rent would also help reduce operating expense.
Ranken Kennedy *Thrall, Tex.*

• • • I love you. I adore your editorials. Henry just finished reading your September "corker." I am quoting the closing line, "Let's get the government out! Let's set the farmer free!" I have been asking why aren't there enough "Americans" to vote it out? Why can't somebody take it up and go about—go everywhere, make stump speeches. You believe it could be done, I believe it could be done and many millions would also if we *get it started* (you do it).
Mrs. Henry Davis *Purcellville, Va.*

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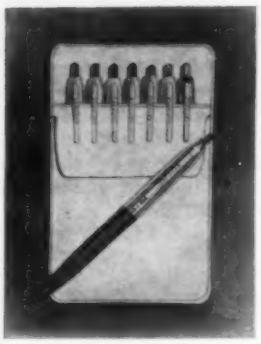
FARM and RANCH



7-Pak . . . a pen is always handy when you own this set of 7 retractable pens with pocket protector. Includes 4 blue pens, 1 red pen, 1 black pen, 1 green pen, each with matching ink. Guaranteed not to leak, smear or transfer. Pocket Protector prevents ripped pockets. Set, $1.00 ppd. Refills available at 15 for $1.00 ppd. Order from: BARCLAY DIST., Dept. FR, 86-24 Parsons Blvd., Jamaica, N. Y.

Dog House Ident for "putting on the dog". A deluxe 24K gold-plated Dog House Ident engraved with his (or her) name and phone number will make any dog feel pedigreed. Attached to the collar, it will assure his return home no matter where he strays. A smart and distinctive touch for any pet! (For husbands, too??) $1.00 ppd. Order from: MULBERRY HOUSE, Dept. FR-42, 65 Mulberry St., Lynn, Mass.

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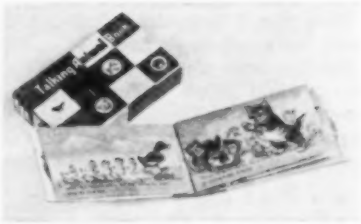

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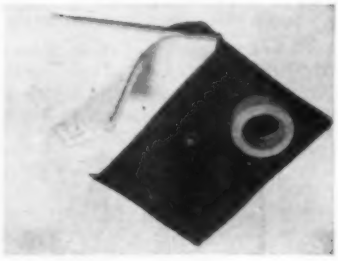

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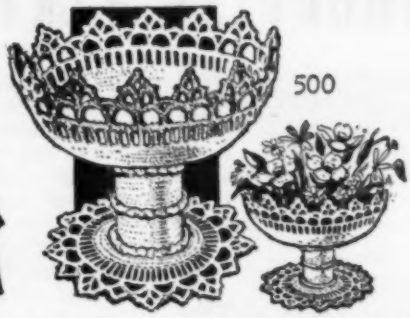
Thread a gift needle early!



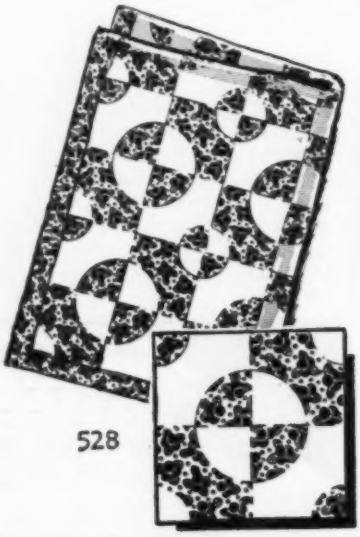
500—A lovely table decoration in simple crochet. Use heavy 4-ply jiffy cotton; starch stiffly. Bowl is 13 inches across top, 8 inches high. Easy directions.

628—Each is party-pretty and each takes only one-half-yard! Use scraps for pocket, ribbon ties, embroider gay designs. Transfers, tissue pattern for three half-aprons. Medium Size ONLY.

7106—Any one of these dainty doilies makes a welcome gift. Crochet directions for all three doilies—round and square, each 9½ inches; oval 7½ x 13½ in No. 50 cotton.

528—Repetition of only three patches forms the Double Snowball design that dates from Colonial days. Pattern of patches, directions, chart, yardages. Use only two materials.

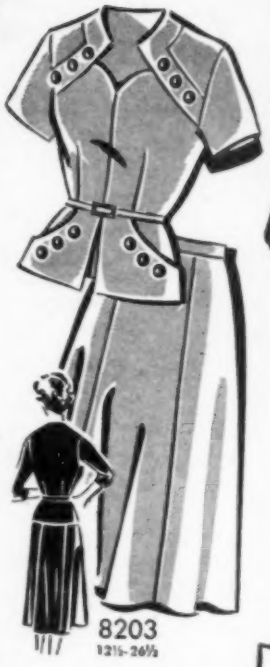
661—Add the charm of fresh flowers to kitchen and guest towels, other linens. Transfer of 4 motifs 6½ x 9¾ inches and 4 motifs about 3 x 6 inches.



Send 25 cents (in coins) for each pattern to: FARM AND RANCH, Needlecraft Service, P. O. Box 112, Old Chelsea Station, New York 11, New York. Send an additional 25 cents for 1958-59 Needlework Catalogue.

8204—The two-piece chemise that fashion loves. Sizes 8 to 18. Size 10, 31 bust, with sleeve, 3¾ yards of 35-inch; ¾ yards contrast.

8203—Save sewing time—look smart in a two-piecer for half-sizers. Sizes 12½ to 14½, 35 bust, short sleeve, 4½ yards of 39-inch.



8180—Side-buttoning beauty that slims and trims. Sizes 12 to 42. Size 14, 34 bust, 3⅝ yards of 39-inch; ½ yard contrast.

8147—Perennial favorite in every well-groomed wardrobe. Sizes 34 to 48. Sizes 36, 38 bust, short sleeve, 4⅛ yards of 39-inch.

Complete new fall pattern book—just 35 cents.

8171 & 8172—Adorable look-alikes are fun to sew, easy, too, with our visual assembly guide. 8171 is in sizes 10 to 20. Size 12, 32 bust, 4¾ yards of 39-inch. 8172 is in sizes 3 to 8 years. Size 4, 2¼ yards of 39-inch. Two patterns, 35 cents each.

Send 35 cents (in coins) for any pattern on this page to: FARM AND RANCH, Pattern Department, 367 West Adams St., Chicago 6, Ill. Do not mix orders for these patterns with orders for patterns on other pages.

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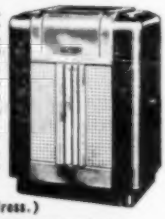

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Brings each breeze inside

BY PRICE HOBGOOD

FARM AND RANCH Plan No. 119 is truly designed for the open spaces. All of the rooms are arranged for a maximum of cross ventilation and summer comfort. May we suggest that you study the plan for these features:

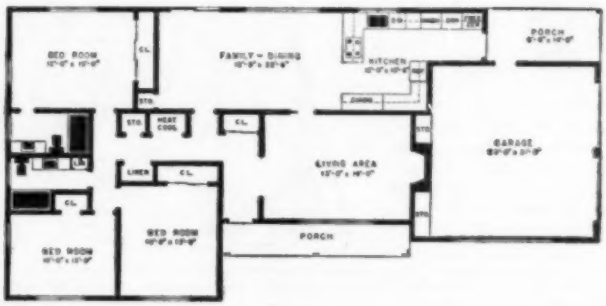
- A large family and dining area immediately adjoining the kitchen.
- A kitchen with ample room for a freezer, drier, washer, built-in oven and surface units, as well as plenty of cabinet space. In addition, this kitchen is served by a comfortable porch which leads to the outside and garage.
- A comfortable living area and entrance hall. This entrance hall will give a maximum of privacy and will eliminate unnecessary traffic through the living area.
- More than adequate closet space with three large storage closets in the hall and a spacious area for a heating and cooling system if it is desired.
- Three spacious bedrooms with plenty of closet space.
- Two complete bathrooms adjoining the bedroom area and easily accessible from the remainder of the house.

These six items are all included in a heated area of 1,638 square feet. When this area is combined with a spacious garage it makes a truly livable country home.

Working blueprints and specifications for House Plan No. 119 are a real bargain at just $2. Order from Building Editor, FARM AND RANCH, Nashville, Tenn. Be sure to state house plan number and your name and address.

HOUSE PLAN NO. 119

Heated area: 1,638 sq. ft.
Garage: 506 sq. ft.
Porch: 183 sq. ft.
Length: 72'—4"
Width: 36'—0"



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PUSH BUTTON DRY

ends guesswork...shuts off automatically when clothes are dry...never overdries, never underdries

NEW '58 ELECTRIC SPEED DRYER

dries faster at lower temperature, saves current . . . removes wrinkles, saves hours of ironing!

There's no guessing about drying time . . . no timer to set. Just toss in the wet clothes and press the Dry Button. The moment clothes are perfectly dry the machine shuts off automatically. Clothes are never overdried because you guessed too long . . . never underdried because you guessed too short. You waste no time, you waste no current. And during the drying process, direct air flow blows fresh warmed air directly onto the tumbling clothes —not through perforations. The last five minutes of no-heat tumbling smooths away so many wrinkles that ironing time is cut in half. See all the new Westinghouse dryer models, each with its famous Laundromat® Automatic Washer Twin.

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Only the purest powder...
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Cabbage for Kings . . . and Queens, too!

REMEMBER the days when cabbage was looked down on; and cooked for hours until it was pink and everyone around knew you were cooking cabbage for dinner? . . . Not so today. Next to potatoes, cabbage is the most popular vegetable, and rightly so. It's good, it's nutritious, it's low in calories, and it goes well with many foods.

Panned Cabbage Deluxe

1 large onion sliced
2 tablespoons bacon fat
3 cups shredded cabbage
3/4 teaspoon salt
1 teaspoon sugar
1/8 teaspoon pepper
1/2 cup boiling water

Saute onion in fat in heavy skillet with close-fitting cover, until slightly tender, but not brown. Add cabbage and seasonings. Pour boiling water over vegetables. Cover and simmer for 10 minutes.

Skillet Cabbage

1 medium onion
1 green pepper
3 stalks celery
2 large tomatoes (Drained canned tomatoes may be used)
1 small cabbage
2 tablespoons bacon fat
3/4 teaspoon salt
1 teaspoon sugar
1/4 teaspoon pepper

Chop onion, pepper, celery, tomatoes and cabbage. Heat bacon fat in skillet with cover. Toss in vegetables and seasoning. Mix well. Cover, cook over moderate heat for 8 minutes or until cabbage is tender, but still on crisp side.

Red and Green Cabbage Slaw

1 cup shredded red cabbage
1 cup shredded green cabbage
1/2 cup diced celery
1/4 cup finely chopped onion
3/4 teaspoon salt
1/2 teaspoon sugar
4 drops Tabasco
1/8 teaspoon garlic powder (optional)
1 tablespoon lemon juice
1/4 cup mayonnaise
2 sprigs parsley

Put cabbage, celery and onion in salad bowl. In a cup mix seasonings, lemon juice and mayonnaise together. Add to vegetables in bowl and toss well. Garnish with parsley.

Curried Cabbage

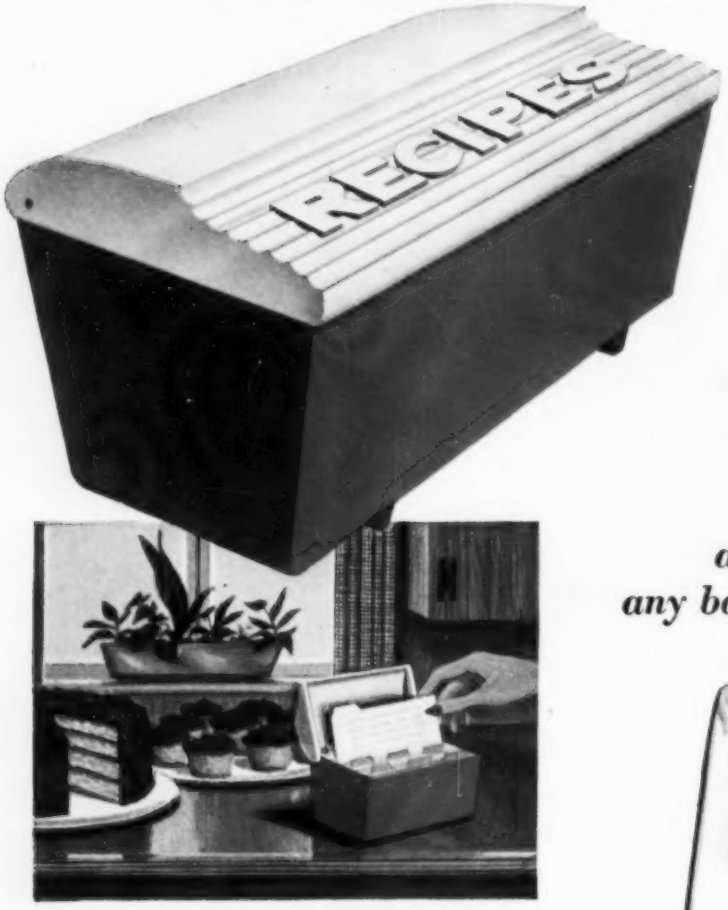
1 clove garlic, minced
2 tablespoons margarine or butter
6 cups finely shredded cabbage
1 teaspoon curry powder
3/4 teaspoon salt
1 teaspoon sugar
2 tablespoons water

Saute garlic in margarine in a large heavy skillet with close cover for 2 minutes. Add cabbage, curry powder, salt, sugar and water, mix well. Cover and cook until tender, about 8 minutes. Stir occasionally.

The Southern Country Home

IRIS DAVENPORT, Editor

To Introduce the NEW Robin Hood Bag!

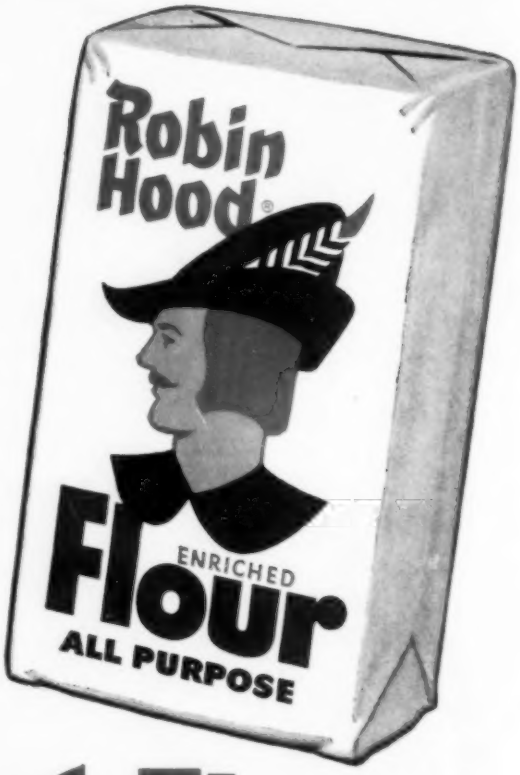


This Smart, Modern

Recipe Box

for only **50¢**

and the certificate inside any bag of Robin Hood Flour



To introduce this new bag, we are making you this special offer — a smart, modern, Hi-Impact Styrene recipe box and 12 index cards, for only 50¢ and the certificate from any bag of Robin Hood Flour.

This colorful, non-breakable recipe box makes a wonderful shower or party gift. It is also a handy file for home records or mailing lists, and has many other uses. Its handsome, modern design will complement any kitchen.

And those recipes you bake will turn out better, too, when you use Robin Hood. Yes—bread, cakes, pies, biscuits, cookies —everything will taste better. That's because Robin Hood is milled from a variety of choice wheats, specially selected to give you best results with one flour for all your baking.

So look for Robin Hood Flour in the bright, new bag at your grocer's now. The certificate in the bag tells how to order your recipe box. But act quickly because this offer is limited.

Robin Hood® Flour

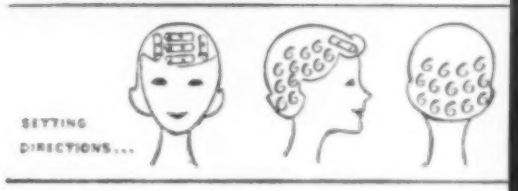
The Same Fine Flour in a Bright New Bag!

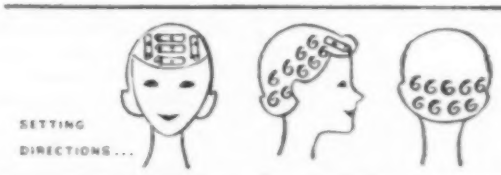
New Autumn Headlines

WHAT are the new hairstyles coming to? A smoother, prettier look as those tousled hairdos and sack dresses are disappearing from the fashion scene. The new hairstyles are pretty, feminine and flattering.

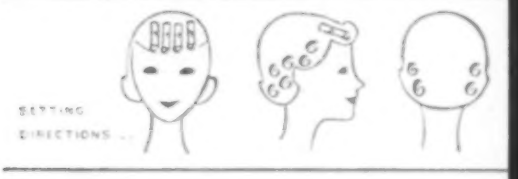
Even if you are now wearing a hairstyle that you like and that is becoming to you, chances are it will benefit from a few new styling touches. Featured here are typical new hairstyles you may wish to try. For best results:

1. Be sure that your hair is thinned, trimmed and shaped.
2. Have a new home permanent. It will give it the right amount of curl and the hidden body that is needed to make the hair manageable. It isn't difficult to decide when you need a new permanent. If your set does not last, if your hair won't hold a curl and if dampness and humidity make it droop, you need a permanent immediately.
3. When setting your hair, make pin curls in this way: Section off an inch square of hair, comb it smooth and hold with one hand. Place the forefinger of the other hand in front of the hair. (For curls that turn away from the face, place the forefinger in back.) Wind the hair in front of the finger. Keep the turns of hair between the knuckles and fingertips so the curls will slip off easily. Secure the curl with a clip or bobby pin.
4. Use end papers from your home permanent kit when using those large hollow rollers of metal or plastic or wire to set your hair. You'll find it much easier to roll those short ends neatly and smoothly.
5. When your set is dry, don't be afraid to brush it out vigorously. For added luster, rub a little hair dressing on the palms of your hands and smooth it over the surface of the hair. Then push in the waves and coax the curls into place.





By MARION HAMMON



Surprise the crowd with

H-A-L-L-O-W-E-E-N F-A-R-E

HALLOWEEN is a time for oldsters as well as pig-tailers and teen-agers to have an unbending good time. It is also a time when the simplest of every day foods, prepared and served with imagination, can treat the crowd as well as make the party.

Doughnuts, cider, cup cakes, cookies, apples-on-a-stick are easy, quick and economical to prepare and serve.

Kitchenette Doughnuts

- 1 package granulated yeast
- ¼ cup warm, not hot, water
- 1 cup milk
- ¼ cup sugar
- ⅓ cup melted shortening
- 1 teaspoon salt
- 2 eggs
- 3¼ cups sifted flour
- ¼ teaspoon vanilla extract
- Fat for frying

Soften yeast in warm water. Scald milk, add sugar, shortening and salt to milk. Cool to warm stage. Add 1 cup flour and beat well. Add eggs. Beat well. Add softened yeast and mix until smooth. Add enough flour to make a stiff batter. Add vanilla. Mix until smooth. Cover and let rise until light and bubbly (about 1 hour). Stir down. Cover and let stand 10 minutes while heating deep fat to a moderate temperature (350°F). Drop batter from teaspoon into hot deep fat and fry about 1 minute on each side until brown. Drain on paper. Toss in paper bag with sugar. Makes 3 dozen doughnuts.

Apples-on-a-stick

- 12 ripe red apples
- 2 cups sugar
- 1 cup molasses
- ½ teaspoon salt
- 1 teaspoon vanilla

Wash and dry apples. Remove stems of each and insert a wooden skewer in each. Combine sugar, molasses and salt; cook, stirring frequently, until a small amount when dropped in cold water is brittle. (If candy thermometer is used, cook syrup until indicator shows 300°F.) Remove from heat, add flavoring. Dip each apple in syrup, twisting quickly to cover entire apple. Place apples on lightly greased pan or wire rack to cool and harden.

Cider may be served hot or cold, plain or spiced. So may orange juice, but at Halloween time the hot, spiced kind seems better.

Hot, Spiced Orange Juice

- ½ cup brown sugar
- ½ cup granulated sugar
- 1 pint cider or apple juice
- 2 2-inch sticks cinnamon
- 4 whole cloves
- 1 quart orange juice—canned
- 1 cup lemon juice
- orange and lemon slices

Mix brown and granulated sugar with cider or apple juice. Add cinnamon and cloves. Simmer for 5 minutes. Combine orange and lemon juice. Heat to just below simmering. Add to hot cider mixture. Serve in mugs and garnish with orange and lemon slices. A stick of cinnamon may be used as a muddler. Serves 12.

Jack O'Lantern Cup Cakes

- ½ cup shortening
- 1 cup sugar
- 2 eggs well beaten
- 1 teaspoon grated lemon rind
- 2 cups sifted self-rising flour*
- 2/3 cup milk

Cream shortening and sugar until light. Add eggs and lemon rind, beat until fluffy. Add flour alternately with milk about 1/3 at a time. Stir until smooth. Fill greased cup cake or muffin pans 2/3 full. Bake in a hot oven (375°F.) 20-25 minutes until done. Remove to rack and cool. Cover each with orange frosting. With melted chocolate make Jack O'Lantern features on top of each cake. Makes 12 cakes.

*1¾ cups plain flour, 3 teaspoons baking powder, ½ teaspoon salt may be used in place of self-rising flour.

Orange Frosting

- ½ tablespoon grated orange rind
- ¼ tablespoon grated lemon rind
- 2 tablespoons orange juice
- 1 teaspoon lemon juice
- 2 tablespoons shortening
- 1 egg yolk
- ⅛ teaspoon salt
- 2 cups confectioners sugar

Combine orange and lemon rind with fruit juice, let stand several minutes. Cream shortening, add egg yolk and salt. Add part of sugar gradually, blend well. Add remaining sugar alternately with fruit juice mixture until it is of spreading consistency.—*Iris Davenport*

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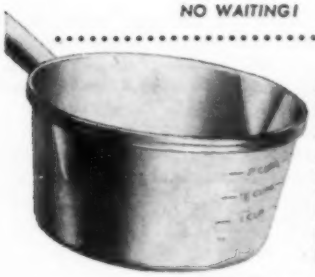

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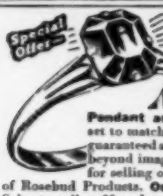

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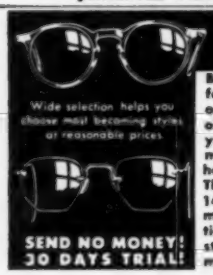

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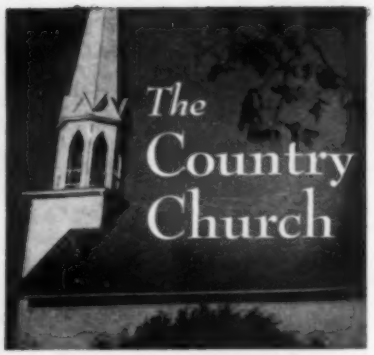

by Walter R. Courtenay, D.D.

Discouragement

DISCOURAGED? We all get discouraged! Life gets us all down at times. The health we have counted on loosens its hold on permanency. The love we have loved loses its power to charm and hold. The profits we anticipated never materialize. The dreams that were like sunset clouds of glory fade into the gray silence of night. Hopes grow dim, and the ability to hope weakens. It happens to us all!

It is what we do when we get discouraged that blesses or destroys us. Some, feeling the shadows of unfulfilled anticipations, do foolish things: They pull down the shades and increase the darkness. They grow bitter and make resentment the core of existence. Their irritation moves them to harshness, and disappointment dissipates their sense of balance and purpose. They do the things that increase discouragement.

Others, discouraged, remind themselves of other better times, past successes, defeats turned into victory and minus marks transformed to plus signs. They postpone decisions until they have outgrown their darker moods. Basically they know that life never settles down at any one point, be it high or low. It moves on. It changes. The pendulum that swings left swings also right. Believing this they wait, study their position and strive to find paths of progress through their seeming wilderness.

It is difficult to think straight, and to pray outward and upward, when we are discouraged, and yet, God is nearest when our bad times come. When we surrender to our feelings we shut Him out. When we conquer our feelings we bid Him enter. When discouragement comes we may not want to pray, but we can at least kneel. This in itself heals and puts us in the way of solving problems.

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701 White Egg Layers
White Rocks, Legshires, Brown Leghorns, New Hampshires, Austra-Whites; assorted. f.o.b. U.S. Approved. FREE CATALOG.

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$8.95 per 100	$14.85 per 100	$32.90 per 100

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Champion Peach Grower

By Frank A. Briggs

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Mr. Ward has traveled extensively through peach producing areas all over the country, and he is convinced that the northeast Texas area from Nacogdoches through Tyler and north to the Red River has the right conditions to be the greatest peach growing area in the United States. Camp County is in the central part of this area.

"In planning a peach orchard," Ward explains, "the first thing I do is to select an acreage of sandy loam soil with a suitable subsoil, preferably clay. It must be located so that it has both good surface and air drainage. I then have the soil tested and analyzed for mineral content to determine my fertilizing program."

After land preparation, Ward selects his stock and plants several varieties in order to have production in different months of the year. Some varieties require shorter cooling-off periods than others. Some bloom earlier than others and are liable to be caught with a late freeze. Many late bloomers escape late cold spells. "Having both kind in my 100-acre orchard assures me that I'll have a crop from at least a portion of the orchard," he declares. "Conditions being favorable, I produce a bumper crop from all of the orchard."

Ward sprays at least six times a year with power equipment and keeps his trees properly pruned and fertilized. Keeping the trees healthy is his insurance against attacks of nematodes and various other root-destroying worms and root diseases. He works on the theory that a healthy tree will survive these attacks and eventually become immune to them.

"Growing a cover crop helps, too," he adds. "It puts nitrogen in the soil, prevents washing, keeps down weeds. Along with these practices goes a lot of study. Keeping an orchard thrifty and profitable requires a lot of work. It's a twelve month's job, not a side-line."

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Straight Talk

by Dan Anderson

SALLY RAND made history with her fan dance at the Chicago World's Fair in 1933. About the same time, the fires of International Communism were fanned worldwide when another American, Franklin D. Roosevelt, and a Russian, Maxim Litvinov, joined hands in an executive agreement which "recognized" the Stalin gangsters as the legitimate government of the enslaved Russians. Thus were the fires of hell unbanked. Doubtless that is when the phrase originated: "And then all hell broke loose." The godless murderers saved by Roosevelt now rule one-third of the world and threaten the other two-thirds. The Communists now call the tune while the world dances, and another Rand—the Rand Corporation—sallies forth, supposedly at the request of the Defense Department, with the news that sometime between 1960 and 1964 the Soviet Union will have the power to destroy our Air Force and to devastate 85% of our big industry and 43 of our 50 largest cities in one lightning blow. Since the Senate voted to forbid the Defense Department to spend any of its appropriated funds on plans for the surrender of the United States, maybe one of our fine tax-free foundations would agree to conduct the suggested surrender study, on a non-partisan basis.

Truman-Acheson Slogan: "Time Is On Our Side"

The only nation now blocking the Communist dream of world conquest is the U.S.A. In this struggle for survival, the prize for second place is chains. In this war for the world, there is just one substitute for victory: slavery. Not co-existence.

In 1903 Lenin, with 17 supporters, established Bolshevism. In 1917 Lenin, with 40,000 supporters, conquered Russia. In 1958 the party of Lenin has enslaved a total of 900 million conquered people, and murdered 50 million or so, roughly speaking. It is no longer a question of *will* the Communist malignancy conquer the world, or *can* it conquer the world. It *is* conquering the world.

A third of the world's people are enslaved by Communists partly because our "liberal" leaders have never recognized Communism for what it really is. The New Dealers, Fair Dealers, and Modern Republican internationalists have gone on the theory that there are two kinds of Communists: good and bad; and that all we have to do throughout the world is to make good ones out of bad ones. Those people who want to transfer political, economic, and social power from the individual to the government are, whether they know it or not, promoting the same kind of society as the Communists, without blood. Socialism is Communism without the firing squad.

Roosevelt confided this profound intelligence to the nation in Jan., 1945: "There are here and there evil and baseless rumors against the Russians. When you examine these rumors closely, you will observe that every one of them bear the same trademark: 'made in Germany.'"

But in 1930 Communist Dmitri Manuilisky had told the Lenin School of Political Warfare: "War to the hilt between Communism and Capitalism is inevitable. Today, of course, we are not strong enough to attack. Our time will come in 20 to 30 years. To win, we shall need the element of surprise. The bourgeois will have been put to sleep. So we shall begin by launching the most spectacular peace movement on record. The capitalist countries, stupid and decadent, will rejoice to cooperate in their own destruction. They will leap at another chance to be friends. As soon as their guard is down, we will smash them with our clenched fist." For such contributions to world brotherhood, freedom-lover Manuilisky in 1949 was made Presiding Officer of the United Nations Security Council!

Every American Communist is Public Enemy Number One. Let's outlaw the Communist Party, jail and deport every known Communist. There are, of course, only what Mrs. Roosevelt calls "a ragged handful" of Communists in the U. S. Probably not more than half as many as Lenin took over Russia with. There are also only a ragged handful in Hungary, Czechoslovakia, Manchuria, China, Bulgaria, Tibet, Rumania, Albania, North Korea, East Germany, etc. Since the end of "World War II to Make the World Safe from Dictatorship," (or what *did* we fight for?) the Iron Curtain has imprisoned more than 700 million more people, seven more million square miles, in 23 more nations of the "free world."

Since we "won" World War II For Freedom, the Communists have averaged adding to their empire 7,000 newly enslaved subjects every hour! Since we are going to let the Communists strike the first nuclear blow, after which we are going to shift into "massive retaliation"—if there's anybody left to shift—why not surrender before instead of after? That question may be seriously posed in the next 15 years, for if they're comparable to the past 15, America will either be devastated or defaulted.

Let's withdraw "recognition," diplomatic relations and all trade with Russia and her satellites.

Let's Aid America!

We have poured $70 billion of Foreign Aid into sinkholes around the world since World War II but haven't been able to "afford" to maintain our war-making ability over Russia. We are going to be saved by France, maybe? Or Tito? Or the UN, which has never prevented, stopped, or won a war? Governments representing 500 million people are "neutral." We spend billions trying to buy off these fence-sitters. So they have our cake and eat it too. Foreign Aid should aid America. It should be a contract with proved friends for repayment in money, goods, services, strategic advantages, trade and investment opportunities for American farmers and businessmen, stockpiles of war materials, air bases and harbors . . .

We are spending our way into bankruptcy. For what? Are we going to let the same people who made war at the wrong time with the wrong enemy make all of us pay for our own funerals? We can't afford to continue spending billions for blood transfusions for friend and enemy nations. We can't afford not to spend billions to create and maintain war-making superiority over the Communists. We must have superiority of arms, education, and purpose, to survive—or to deserve to survive.

Oh, for an American Churchill to inspire and rededicate us with "Come then, let us to the task, to the battle and to the toil—each to our part, each to our station—let us go forward together in all parts of the land. There is not a week, nor a day, nor an hour to be lost."

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